

Global Vehicle-to-Everything (V2X) Market 2022-2030 by Component, Communication Type (V2P, V2G, V2C, V2I, V2D, V2V), Connectivity (DSRC, Cellular), Technology, Vehicle Type (Passenger, Commercial), Vehicle Propulsion (ICE, EV), Distribution and Region

<https://marketpublishers.com/r/G6B09CB53D82EN.html>

Date: March 2023

Pages: 213

Price: US\$ 2,890.00 (Single User License)

ID: G6B09CB53D82EN

Abstracts

Global vehicle-to-everything (V2X) market will reach \$1,404.1 billion by 2030, growing by 60.2% annually over 2022-2030, driven by growing demand for fully autonomous driving and safe vehicles, advancements in 5G technology, increased electric vehicles (EV) sales, government regulations to curb emissions, and need to reduce traffic congestion.

Highlighted with 114 tables and 93 figures, this 213-page report “Global Vehicle-to-Everything (V2X) Market 2022-2030 by Component, Communication Type (V2P, V2G, V2C, V2I, V2D, V2V), Connectivity (DSRC, Cellular), Technology, Vehicle Type (Passenger, Commercial), Vehicle Propulsion (ICE, EV), Distribution and Region” is based on a comprehensive research of the entire global vehicle-to-everything (V2X) market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2030 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify global vehicle-to-everything (V2X) market in every aspect of the classification from perspectives of Component, Communication Type, Connectivity, Technology, Vehicle Type, Vehicle Propulsion, Distribution, and Region.

Based on Component, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2030 included in each section.

Automotive V2X Hardware

On-board Units (OBU)

Roadside Units (RSU)

Antenna

Evaluation Kits

Other Hardware

Automotive V2X Software

V2X Software Stack

V2X Software Development Kit

Other Software

Automotive V2X Service

Based on Communication Type, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2030 included in each section.

Vehicle-to-Pedestrian (V2P)

Vehicle-to-Grid (V2G)

Vehicle-To-Cloud (V2C)

Vehicle-to-Infrastructure (V2I)

Vehicle-to-Device (V2D)

Vehicle-to-Vehicle (V2V)

Other Communication Types

By Connectivity, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2030 included in each section.

Dedicated Short-Range Communication (DSRC)

Cellular-V2X (C-V2X)

Other Connectivity Types

By Technology, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2030 included in each section.

Emergency Vehicle Notification

Automated Driver Assistance

Passenger Information System

Line of Sight

Other Technologies

By Vehicle Type, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2030 included in each section.

Passenger Cars

Light Commercial Vehicles

Heavy Commercial Vehicles

By Vehicle Propulsion, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2030 included in each section.

Internal Combustion Engine (ICE) Vehicles

Electric Vehicles (EV)

Battery Electric Vehicle (BEV)

Hybrid Electric Vehicle (HEV)

Plug-in Hybrid Electric Vehicle (PHEV)

Fuel Cell Electric Vehicle (FCEV)

By Distribution, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2030 included in each section.

Original Equipment Manufacturer (OEM)

Aftermarket

Geographically, the following regions together with the listed national/local markets are fully investigated:

North America (U.S., Canada, and Mexico)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe; Rest of Europe is further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (UAE, Saudi Arabia, South Africa and Rest of MEA)

For each aforementioned region and country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2030. The breakdown of all regional markets by country and split of each national market by Communication Type, Connectivity and Vehicle Type over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

Autotalks Ltd.

Capgemini Engineering

Cohda Wireless

Continental AG

Delphi Technologies

Denso Corporation

HAAS, Inc.

Harman International

Huawei Technologies Co., Ltd.

Infineon Technologies AG

Kapsch Group

Lear Corporation

Marben Products

Neusoft Corporation

NXP Semiconductors N.V.

Qualcomm Incorporated

Robert Bosch GmbH

Rohde & Schwarz

Savari, Inc.

Unex Technology

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
 - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF GLOBAL MARKET BY COMPONENT

- 3.1 Market Overview by Component
- 3.2 Automotive V2X Hardware
- 3.3 Automotive V2X Software
- 3.4 Automotive V2X Service

4 SEGMENTATION OF GLOBAL MARKET BY COMMUNICATION TYPE

- 4.1 Market Overview by Communication Type
- 4.2 Vehicle-to-Pedestrian (V2P)

- 4.3 Vehicle-to-Grid (V2G)
- 4.4 Vehicle-To-Cloud (V2C)
- 4.5 Vehicle-to-Infrastructure (V2I)
- 4.6 Vehicle-to-Device (V2D)
- 4.7 Vehicle-to-Vehicle (V2V)
- 4.8 Other Communication Types

5 SEGMENTATION OF GLOBAL MARKET BY CONNECTIVITY

- 5.1 Market Overview by Connectivity
- 5.2 Dedicated Short-Range Communication (DSRC)
- 5.3 Cellular-V2X (C-V2X)
- 5.4 Other Connectivity Types

6 SEGMENTATION OF GLOBAL MARKET BY TECHNOLOGY

- 6.1 Market Overview by Technology
- 6.2 Emergency Vehicle Notification
- 6.3 Automated Driver Assistance
- 6.4 Passenger Information System
- 6.5 Line of Sight
- 6.6 Other Technologies

7 SEGMENTATION OF GLOBAL MARKET BY VEHICLE TYPE

- 7.1 Market Overview by Vehicle Type
- 7.2 Passenger Cars
- 7.3 Light Commercial Vehicles
- 7.4 Heavy Commercial Vehicles

8 SEGMENTATION OF GLOBAL MARKET BY VEHICLE PROPULSION

- 8.1 Market Overview by Vehicle Propulsion
- 8.2 Internal Combustion Engine (ICE) Vehicles
- 8.3 Electric Vehicles (EV)

9 SEGMENTATION OF GLOBAL MARKET BY DISTRIBUTION

- 9.1 Market Overview by Distribution

9.2 Original Equipment Manufacturer (OEM)

9.3 Aftermarket

10 SEGMENTATION OF GLOBAL MARKET BY REGION

10.1 Geographic Market Overview 2020-2030

10.2 North America Market 2020-2030 by Country

10.2.1 Overview of North America Market

10.2.2 U.S.

10.2.3 Canada

10.2.4 Mexico

10.3 European Market 2020-2030 by Country

10.3.1 Overview of European Market

10.3.2 Germany

10.3.3 U.K.

10.3.4 France

10.3.5 Spain

10.3.6 Italy

10.3.7 Russia

10.3.8 Rest of European Market

10.4 Asia-Pacific Market 2020-2030 by Country

10.4.1 Overview of Asia-Pacific Market

10.4.2 Japan

10.4.3 China

10.4.4 Australia

10.4.5 India

10.4.6 South Korea

10.4.7 Rest of APAC Region

10.5 South America Market 2020-2030 by Country

10.5.1 Argentina

10.5.2 Brazil

10.5.3 Chile

10.5.4 Rest of South America Market

10.6 MEA Market 2020-2030 by Country

10.6.1 UAE

10.6.2 Saudi Arabia

10.6.3 South Africa

10.6.4 Other National Markets

11 COMPETITIVE LANDSCAPE

11.1 Overview of Key Vendors

11.2 New Product Launch, Partnership, Investment, and M&A

11.3 Company Profiles

Autotalks Ltd.

Capgemini Engineering

Cohda Wireless

Continental AG

Delphi Technologies

Denso Corporation

HAAS, Inc.

Harman International

Huawei Technologies Co., Ltd.

Infineon Technologies AG

Kapsch Group

Lear Corporation

Marben Products

Neusoft Corporation

NXP Semiconductors N.V.

Qualcomm Incorporated

Robert Bosch GmbH

Rohde & Schwarz

Savari, Inc.

Unex Technology

Related Reports and Products

List Of Tables

LIST OF TABLES:

Table 1. Snapshot of Global V2X Market in Balanced Perspective, 2020-2030

Table 2. World Economic Outlook, 2021-2031

Table 3. World Economic Outlook, 2021-2023

Table 4. Scenarios for Economic Impact of Ukraine Crisis

Table 5. Main Product Trends and Market Opportunities in Global V2X Market

Table 6. Global V2X Market by Component, 2020-2030, \$ mn

Table 7. Global V2X Market: Automotive V2X Hardware by Segment, 2020-2030, \$ mn

Table 8. Global V2X Market: Automotive V2X Software by Segment, 2020-2030, \$ mn

Table 9. Global V2X Market by Communication Type, 2020-2030, \$ mn

Table 10. Global V2X Market by Connectivity, 2020-2030, \$ mn

Table 11. Global V2X Market by Technology, 2020-2030, \$ mn

Table 12. Global V2X Market by Vehicle Type, 2020-2030, \$ mn

Table 13. Global V2X Market by Vehicle Propulsion, 2020-2030, \$ mn

Table 14. Global V2X Market: Electric Vehicles (EV) by Type, 2020-2030, \$ mn

Table 15. Global V2X Market by Distribution, 2020-2030, \$ mn

Table 16. Global V2X Market by Region, 2020-2030, \$ mn

Table 17. Leading National V2X Market, 2022 and 2030, \$ mn

Table 18. North America V2X Market by Country, 2020-2030, \$ mn

Table 19. U.S. V2X Market by Communication Type, 2020-2030, \$ mn

Table 20. U.S. V2X Market by Connectivity, 2020-2030, \$ mn

Table 21. U.S. V2X Market by Vehicle Type, 2020-2030, \$ mn

Table 22. Canada V2X Market by Communication Type, 2020-2030, \$ mn

Table 23. Canada V2X Market by Connectivity, 2020-2030, \$ mn

Table 24. Canada V2X Market by Vehicle Type, 2020-2030, \$ mn

Table 25. Mexico V2X Market by Communication Type, 2020-2030, \$ mn

Table 26. Mexico V2X Market by Connectivity, 2020-2030, \$ mn

Table 27. Mexico V2X Market by Vehicle Type, 2020-2030, \$ mn

Table 28. Europe V2X Market by Country, 2020-2030, \$ mn

Table 29. Germany V2X Market by Communication Type, 2020-2030, \$ mn

Table 30. Germany V2X Market by Connectivity, 2020-2030, \$ mn

Table 31. Germany V2X Market by Vehicle Type, 2020-2030, \$ mn

Table 32. U.K. V2X Market by Communication Type, 2020-2030, \$ mn

Table 33. U.K. V2X Market by Connectivity, 2020-2030, \$ mn

Table 34. U.K. V2X Market by Vehicle Type, 2020-2030, \$ mn

Table 35. France V2X Market by Communication Type, 2020-2030, \$ mn

- Table 36. France V2X Market by Connectivity, 2020-2030, \$ mn
- Table 37. France V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 38. Spain V2X Market by Communication Type, 2020-2030, \$ mn
- Table 39. Spain V2X Market by Connectivity, 2020-2030, \$ mn
- Table 40. Spain V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 41. Italy V2X Market by Communication Type, 2020-2030, \$ mn
- Table 42. Italy V2X Market by Connectivity, 2020-2030, \$ mn
- Table 43. Italy V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 44. Russia V2X Market by Communication Type, 2020-2030, \$ mn
- Table 45. Russia V2X Market by Connectivity, 2020-2030, \$ mn
- Table 46. Russia V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 47. V2X Market in Rest of Europe by Country, 2020-2030, \$ mn
- Table 48. APAC V2X Market by Country, 2020-2030, \$ mn
- Table 49. Japan V2X Market by Communication Type, 2020-2030, \$ mn
- Table 50. Japan V2X Market by Connectivity, 2020-2030, \$ mn
- Table 51. Japan V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 52. China V2X Market by Communication Type, 2020-2030, \$ mn
- Table 53. China V2X Market by Connectivity, 2020-2030, \$ mn
- Table 54. China V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 55. Australia V2X Market by Communication Type, 2020-2030, \$ mn
- Table 56. Australia V2X Market by Connectivity, 2020-2030, \$ mn
- Table 57. Australia V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 58. India V2X Market by Communication Type, 2020-2030, \$ mn
- Table 59. India V2X Market by Connectivity, 2020-2030, \$ mn
- Table 60. India V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 61. South Korea V2X Market by Communication Type, 2020-2030, \$ mn
- Table 62. South Korea V2X Market by Connectivity, 2020-2030, \$ mn
- Table 63. South Korea V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 64. V2X Market in Rest of APAC by Country/Region, 2020-2030, \$ mn
- Table 65. South America V2X Market by Country, 2020-2030, \$ mn
- Table 66. Argentina V2X Market by Communication Type, 2020-2030, \$ mn
- Table 67. Argentina V2X Market by Connectivity, 2020-2030, \$ mn
- Table 68. Argentina V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 69. Brazil V2X Market by Communication Type, 2020-2030, \$ mn
- Table 70. Brazil V2X Market by Connectivity, 2020-2030, \$ mn
- Table 71. Brazil V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 72. Chile V2X Market by Communication Type, 2020-2030, \$ mn
- Table 73. Chile V2X Market by Connectivity, 2020-2030, \$ mn
- Table 74. Chile V2X Market by Vehicle Type, 2020-2030, \$ mn

- Table 75. MEA V2X Market by Country, 2020-2030, \$ mn
- Table 76. UAE V2X Market by Communication Type, 2020-2030, \$ mn
- Table 77. UAE V2X Market by Connectivity, 2020-2030, \$ mn
- Table 78. UAE V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 79. Saudi Arabia V2X Market by Communication Type, 2020-2030, \$ mn
- Table 80. Saudi Arabia V2X Market by Connectivity, 2020-2030, \$ mn
- Table 81. Saudi Arabia V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 82. South Africa V2X Market by Communication Type, 2020-2030, \$ mn
- Table 83. South Africa V2X Market by Connectivity, 2020-2030, \$ mn
- Table 84. South Africa V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 85. Autotalks Ltd.: Company Snapshot
- Table 86. Autotalks Ltd.: Business Segmentation
- Table 87. Autotalks Ltd.: Product Portfolio
- Table 88. Capgemini Engineering: Company Snapshot
- Table 89. Cohda Wireless: Company Snapshot
- Table 90. Continental AG: Company Snapshot
- Table 91. Continental AG: Business Segmentation
- Table 92. Continental AG: Revenue by Region, 2019, %
- Table 93. Delphi Technologies: Company Snapshot
- Table 94. Denso Corporation: Company Snapshot
- Table 95. HAAS, Inc.: Company Snapshot
- Table 96. Harman International: Company Snapshot
- Table 97. Huawei Technologies Co., Ltd.: Company Snapshot
- Table 98. Huawei Technologies Co., Ltd.: Revenue by Region in 2020
- Table 99. Huawei Technologies Co., Ltd.: Revenue by Segment in 2020
- Table 100. Infineon Technologies AG: Company Snapshot
- Table 101. Infineon Technologies AG: Revenue Distribution by Business Segment in 2020
- Table 102. Infineon Technologies AG: Revenue Distribution by Region in 2020
- Table 103. Kapsch Group: Company Snapshot
- Table 104. Lear Corporation: Company Snapshot
- Table 105. Marben Products: Company Snapshot
- Table 106. Neusoft Corporation: Company Snapshot
- Table 107. NXP Semiconductors N.V.: Company Snapshot
- Table 108. NXP Semiconductors N.V.: Revenue Distribution by Business Segment in 2020
- Table 109. NXP Semiconductors N.V.: Revenue Distribution by Region in 2020
- Table 110. Qualcomm Incorporated: Company Snapshot
- Table 111. Robert Bosch GmbH: Company Snapshot

Table 112. Rohde & Schwarz: Company Snapshot

Table 113. Savari, Inc.: Company Snapshot

Table 114. Unex Technology: Company Snapshot

List Of Figures

LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Global Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2020-2030

Figure 4. Global V2X Market, 2020-2030, \$ mn

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of Global V2X Market

Figure 7. World Installed Car Base by Connectivity, 2019-2030, million units

Figure 8. World Automotive IoT Market, 2020-2027, \$ mn

Figure 9. World Electric Vehicle Market, 2019-2030, \$ bn

Figure 10. Primary Restraints and Impact Factors of Global V2X Market

Figure 11. Investment Opportunity Analysis

Figure 12. Porter's Five Forces Analysis of Global V2X Market

Figure 13. Breakdown of Global V2X Market by Component, 2020-2030, % of Revenue

Figure 14. Global Addressable Market Cap in 2023-2030 by Component, Value (\$ mn) and Share (%)

Figure 15. Global V2X Market: Automotive V2X Hardware, 2020-2030, \$ mn

Figure 16. Global V2X Market: Automotive V2X Software, 2020-2030, \$ mn

Figure 17. Global V2X Market: Automotive V2X Service, 2020-2030, \$ mn

Figure 18. Breakdown of Global V2X Market by Communication Type, 2020-2030, % of Sales Revenue

Figure 19. Global Addressable Market Cap in 2023-2030 by Communication Type, Value (\$ mn) and Share (%)

Figure 20. Global V2X Market: Vehicle-to-Pedestrian (V2P), 2020-2030, \$ mn

Figure 21. Global V2X Market: Vehicle-to-Grid (V2G), 2020-2030, \$ mn

Figure 22. Global V2X Market: Vehicle-To-Cloud (V2C), 2020-2030, \$ mn

Figure 23. Global V2X Market: Vehicle-to-Infrastructure (V2I), 2020-2030, \$ mn

Figure 24. Global V2X Market: Vehicle-to-Device (V2D), 2020-2030, \$ mn

Figure 25. Global V2X Market: Vehicle-to-Vehicle (V2V), 2020-2030, \$ mn

Figure 26. Global V2X Market: Other Communication Types, 2020-2030, \$ mn

Figure 27. Breakdown of Global V2X Market by Connectivity, 2020-2030, % of Sales Revenue

Figure 28. Global Addressable Market Cap in 2023-2030 by Connectivity, Value (\$ mn) and Share (%)

Figure 29. Global V2X Market: Dedicated Short-Range Communication (DSRC),

2020-2030, \$ mn

Figure 30. Global V2X Market: Cellular-V2X (C-V2X), 2020-2030, \$ mn

Figure 31. Global V2X Market: Other Connectivity Types, 2020-2030, \$ mn

Figure 32. Breakdown of Global V2X Market by Technology, 2020-2030, % of Revenue

Figure 33. Global Addressable Market Cap in 2023-2030 by Technology, Value (\$ mn) and Share (%)

Figure 34. Global V2X Market: Emergency Vehicle Notification, 2020-2030, \$ mn

Figure 35. Global V2X Market: Automated Driver Assistance, 2020-2030, \$ mn

Figure 36. Global V2X Market: Passenger Information System, 2020-2030, \$ mn

Figure 37. Global V2X Market: Line of Sight, 2020-2030, \$ mn

Figure 38. Global V2X Market: Other Technologies, 2020-2030, \$ mn

Figure 39. Breakdown of Global V2X Market by Vehicle Type, 2020-2030, % of Revenue

Figure 40. Global Addressable Market Cap in 2023-2030 by Vehicle Type, Value (\$ mn) and Share (%)

Figure 41. Global V2X Market: Passenger Cars, 2020-2030, \$ mn

Figure 42. Global V2X Market: Light Commercial Vehicles, 2020-2030, \$ mn

Figure 43. Global V2X Market: Heavy Commercial Vehicles, 2020-2030, \$ mn

Figure 44. Breakdown of Global V2X Market by Vehicle Propulsion, 2020-2030, % of Revenue

Figure 45. Global Addressable Market Cap in 2023-2030 by Vehicle Propulsion, Value (\$ mn) and Share (%)

Figure 46. Global V2X Market: Internal Combustion Engine (ICE) Vehicles, 2020-2030, \$ mn

Figure 47. Global V2X Market: Electric Vehicles (EV), 2020-2030, \$ mn

Figure 48. Breakdown of Global V2X Market by Distribution, 2020-2030, % of Revenue

Figure 49. Global Addressable Market Cap in 2023-2030 by Distribution, Value (\$ mn) and Share (%)

Figure 50. Global V2X Market: Original Equipment Manufacturer (OEM), 2020-2030, \$ mn

Figure 51. Global V2X Market: Aftermarket, 2020-2030, \$ mn

Figure 52. Global Market Snapshot by Region

Figure 53. Geographic Spread of Worldwide V2X Market, 2020-2030, % of Sales Revenue

Figure 54. Global Addressable Market Cap in 2023-2030 by Region, Value (\$ mn) and Share (%)

Figure 55. North American V2X Market, 2020-2030, \$ mn

Figure 56. Breakdown of North America V2X Market by Country, 2022 and 2030, % of Revenue

Figure 57. Contribution to North America 2023-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 58. U.S. V2X Market, 2020-2030, \$ mn

Figure 59. Canada V2X Market, 2020-2030, \$ mn

Figure 60. V2X Market in Mexico, 2015-2030, \$ mn

Figure 61. European V2X Market, 2020-2030, \$ mn

Figure 62. Breakdown of European V2X Market by Country, 2022 and 2030, % of Revenue

Figure 63. Contribution to Europe 2023-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 64. V2X Market in Germany, 2020-2030, \$ mn

Figure 65. V2X Market in U.K., 2020-2030, \$ mn

Figure 66. V2X Market in France, 2020-2030, \$ mn

Figure 67. V2X Market in Spain, 2020-2030, \$ mn

Figure 68. V2X Market in Italy, 2020-2030, \$ mn

Figure 69. V2X Market in Russia, 2020-2030, \$ mn

Figure 70. V2X Market in Rest of Europe, 2020-2030, \$ mn

Figure 71. Asia-Pacific V2X Market, 2020-2030, \$ mn

Figure 72. Breakdown of APAC V2X Market by Country, 2022 and 2030, % of Revenue

Figure 73. Contribution to APAC 2023-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 74. V2X Market in Japan, 2020-2030, \$ mn

Figure 75. V2X Market in China, 2020-2030, \$ mn

Figure 76. V2X Market in Australia, 2020-2030, \$ mn

Figure 77. V2X Market in India, 2020-2030, \$ mn

Figure 78. V2X Market in South Korea, 2020-2030, \$ mn

Figure 79. V2X Market in Rest of APAC, 2020-2030, \$ mn

Figure 80. South America V2X Market, 2020-2030, \$ mn

Figure 81. Breakdown of South America V2X Market by Country, 2022 and 2030, % of Revenue

Figure 82. Contribution to South America 2023-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 83. V2X Market in Argentina, 2020-2030, \$ mn

Figure 84. V2X Market in Brazil, 2020-2030, \$ mn

Figure 85. V2X Market in Chile, 2020-2030, \$ mn

Figure 86. V2X Market in Rest of South America, 2020-2030, \$ mn

Figure 87. V2X Market in Middle East and Africa (MEA), 2020-2030, \$ mn

Figure 88. Breakdown of MEA V2X Market by Country, 2022 and 2030, % of Revenue

Figure 89. Contribution to MEA 2023-2030 Cumulative Revenue by Country, Value (\$

mn) and Share (%)

Figure 90. V2X Market in UAE, 2020-2030, \$ mn

Figure 91. V2X Market in Saudi Arabia, 2020-2030, \$ mn

Figure 92. V2X Market in South Africa, 2020-2030, \$ mn

Figure 93. Growth Stage of Global V2X Industry over the Forecast Period

I would like to order

Product name: Global Vehicle-to-Everything (V2X) Market 2022-2030 by Component, Communication Type (V2P, V2G, V2C, V2I, V2D, V2V), Connectivity (DSRC, Cellular), Technology, Vehicle Type (Passenger, Commercial), Vehicle Propulsion (ICE, EV), Distribution and Region

Product link: <https://marketpublishers.com/r/G6B09CB53D82EN.html>

Price: US\$ 2,890.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G6B09CB53D82EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970