

Asia Pacific 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 Country

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Abstracts

Asia Pacific vehicle-to-everything (V2X) market will grow by 61.6% annually with a total addressable market cap of \$ 1,712.2 billion over 2023-2030, 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 62 tables and 50 figures, this 157-page report “Asia Pacific 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 Country” is based on comprehensive research of the entire Asia Pacific 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 Asia Pacific 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 Asia Pacific 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 Country.

Based on Component, the Asia Pacific 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 Asia Pacific 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 Asia Pacific 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 Asia Pacific 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 Asia Pacific 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 Asia Pacific 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 Asia Pacific 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 national/local markets are fully investigated:

Japan

China

South Korea

Australia

India

Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2030. The breakdown of national markets 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 ASIA PACIFIC 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 ASIA PACIFIC 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 ASIA PACIFIC 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 ASIA PACIFIC 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 ASIA PACIFIC 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 ASIA PACIFIC 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 ASIA PACIFIC MARKET BY DISTRIBUTION

- 9.1 Market Overview by Distribution

9.2 Original Equipment Manufacturer (OEM)

9.3 Aftermarket

10 ASIA-PACIFIC MARKET 2020-2030 BY COUNTRY

10.1 Overview of Asia-Pacific Market

10.2 Japan

10.3 China

10.4 Australia

10.5 India

10.6 South Korea

10.7 Rest of APAC Region

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 Asia Pacific 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 Asia Pacific V2X Market
- Table 6. Asia Pacific V2X Market by Component, 2020-2030, \$ mn
- Table 7. Asia Pacific V2X Market: Automotive V2X Hardware by Segment, 2020-2030, \$ mn
- Table 8. Asia Pacific V2X Market: Automotive V2X Software by Segment, 2020-2030, \$ mn
- Table 9. Asia Pacific V2X Market by Communication Type, 2020-2030, \$ mn
- Table 10. Asia Pacific V2X Market by Connectivity, 2020-2030, \$ mn
- Table 11. Asia Pacific V2X Market by Technology, 2020-2030, \$ mn
- Table 12. Asia Pacific V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 13. Asia Pacific V2X Market by Vehicle Propulsion, 2020-2030, \$ mn
- Table 14. Asia Pacific V2X Market: Electric Vehicles (EV) by Type, 2020-2030, \$ mn
- Table 15. Asia Pacific V2X Market by Distribution, 2020-2030, \$ mn
- Table 16. APAC V2X Market by Country, 2020-2030, \$ mn
- Table 17. Japan V2X Market by Communication Type, 2020-2030, \$ mn
- Table 18. Japan V2X Market by Connectivity, 2020-2030, \$ mn
- Table 19. Japan V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 20. China V2X Market by Communication Type, 2020-2030, \$ mn
- Table 21. China V2X Market by Connectivity, 2020-2030, \$ mn
- Table 22. China V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 23. Australia V2X Market by Communication Type, 2020-2030, \$ mn
- Table 24. Australia V2X Market by Connectivity, 2020-2030, \$ mn
- Table 25. Australia V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 26. India V2X Market by Communication Type, 2020-2030, \$ mn
- Table 27. India V2X Market by Connectivity, 2020-2030, \$ mn
- Table 28. India V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 29. South Korea V2X Market by Communication Type, 2020-2030, \$ mn
- Table 30. South Korea V2X Market by Connectivity, 2020-2030, \$ mn
- Table 31. South Korea V2X Market by Vehicle Type, 2020-2030, \$ mn
- Table 32. V2X Market in Rest of APAC by Country/Region, 2020-2030, \$ mn
- Table 33. Autotalks Ltd.: Company Snapshot

- Table 34. Autotalks Ltd.: Business Segmentation
- Table 35. Autotalks Ltd.: Product Portfolio
- Table 36. Capgemini Engineering: Company Snapshot
- Table 37. Cohda Wireless: Company Snapshot
- Table 38. Continental AG: Company Snapshot
- Table 39. Continental AG: Business Segmentation
- Table 40. Continental AG: Revenue by Region, 2019, %
- Table 41. Delphi Technologies: Company Snapshot
- Table 42. Denso Corporation: Company Snapshot
- Table 43. HAAS, Inc.: Company Snapshot
- Table 44. Harman International: Company Snapshot
- Table 45. Huawei Technologies Co., Ltd.: Company Snapshot
- Table 46. Huawei Technologies Co., Ltd.: Revenue by Region in 2020
- Table 47. Huawei Technologies Co., Ltd.: Revenue by Segment in 2020
- Table 48. Infineon Technologies AG: Company Snapshot
- Table 49. Infineon Technologies AG: Revenue Distribution by Business Segment in 2020
- Table 50. Infineon Technologies AG: Revenue Distribution by Region in 2020
- Table 51. Kapsch Group: Company Snapshot
- Table 52. Lear Corporation: Company Snapshot
- Table 53. Marben Products: Company Snapshot
- Table 54. Neusoft Corporation: Company Snapshot
- Table 55. NXP Semiconductors N.V.: Company Snapshot
- Table 56. NXP Semiconductors N.V.: Revenue Distribution by Business Segment in 2020
- Table 57. NXP Semiconductors N.V.: Revenue Distribution by Region in 2020
- Table 58. Qualcomm Incorporated: Company Snapshot
- Table 59. Robert Bosch GmbH: Company Snapshot
- Table 60. Rohde & Schwarz: Company Snapshot
- Table 61. Savari, Inc.: Company Snapshot
- Table 62. 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. Asia Pacific Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2020-2030

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

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of Asia Pacific 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 Asia Pacific V2X Market

Figure 11. Investment Opportunity Analysis

Figure 12. Porter's Fiver Forces Analysis of Asia Pacific V2X Market

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Figure 29. Asia Pacific V2X Market: Dedicated Short-Range Communication (DSRC), 2020-2030, \$ mn

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Figure 52. Breakdown of APAC V2X Market by Country, 2022 and 2030, % of Revenue

Figure 53. Contribution to APAC 2023-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 54. V2X Market in Japan, 2020-2030, \$ mn

Figure 55. V2X Market in China, 2020-2030, \$ mn

Figure 56. V2X Market in Australia, 2020-2030, \$ mn

Figure 57. V2X Market in India, 2020-2030, \$ mn

Figure 58. V2X Market in South Korea, 2020-2030, \$ mn

Figure 59. V2X Market in Rest of APAC, 2020-2030, \$ mn

Figure 60. Growth Stage of Asia Pacific V2X Industry over the Forecast Period

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