

# Global Automotive Vehicle to Everything (V2X) Market Analysis and Forecast 2024-2030

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## Abstracts

### Summary

Automotive electronics industry is in constant evolution, making the car always safer, greener and more enjoyable to drive.

Vehicle-to-X refers to an intelligent transport system where all vehicles and infrastructure systems are interconnected with each other.

This connectivity will provide more precise knowledge of the traffic situation across the entire road network which in turn will help: Optimize traffic flows, Reduce congestion, cut accident numbers, Minimize emissions.

V2X technology is based on 5.9GHz Dedicated Short Range Communication, a derivative of WiFi specifically defined for fast moving objects. It allows vehicles to communicate their state, such as their position and speed, to surrounding vehicles and infrastructures even in non-line-of-sight condition, such as behind a building or a curve.

V2X communications shouldn't be confused with self-driving vehicles. The system has been designed to provide drivers with additional safety and convenience notifications that will be integrated with information from the many other on-board sensors. It's still up to the driver, obviously, to drive the car. However, V2X is an enabling technology that one day will make even self-driving cars much safer by helping them see and react to invisible danger.

Driver awareness of potential dangers on its way, such as crash risk, unsafe overtake, vehicle braking ahead out of line sight, car in blind spot area or road hazard detection,

will dramatically improve collision avoidance, and heavily reduce fatalities and injury severity. In addition, the technology will enhance traffic efficiency providing warnings for upcoming traffic congestions, proposing alternative routes and securing an eco-friendly driving, reducing CO2 emission through adaptive cruise control and a smarter transportation management.

Driven by those benefits and the determination to become an key player in this field, ST launched a cooperation with Autotalks for the co-development of a mass-market optimized V2X chipset. Recognized as the V2X chipset market pioneer, Autotalks is bringing in this cooperation their system expertise and know-how of the V2X technology. Leveraging on a robust joint design and ST's Automotive Quality and Manufacturing machine, Autotalks will release to the market an unique V2X solution.

According to APO Research, The global Automotive Vehicle to Everything (V2X) market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada market for Automotive Vehicle to Everything (V2X) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Automotive Vehicle to Everything (V2X) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for Automotive Vehicle to Everything (V2X) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Automotive Vehicle to Everything (V2X) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global companies of Automotive Vehicle to Everything (V2X) include Delphi(Aptiv), Continental AG, Denso, Cohda, Kapsch, Qualcomm, ETrans, Savari and Autotalks, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

## Report Includes

This report presents an overview of global market for Automotive Vehicle to Everything (V2X), market size. Analyses of the global market trends, with historic market revenue data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Automotive Vehicle to Everything (V2X), also provides the revenue of main regions and countries. Of the upcoming market potential for Automotive Vehicle to Everything (V2X), and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Automotive Vehicle to Everything (V2X) revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Automotive Vehicle to Everything (V2X) market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, revenue, and growth rate, from 2019 to 2030. Evaluation and forecast the market size for Automotive Vehicle to Everything (V2X) revenue, projected growth trends, production technology, application and end-user industry.

#### Automotive Vehicle to Everything (V2X) segment by Company

Delphi(Aptiv)

Continental AG

Denso

Cohda

Kapsch

Qualcomm

ETrans

Savari

Autotalks

Arada?Lear?

### Automotive Vehicle to Everything (V2X) segment by Type

V2V

V2I

V2P

### Automotive Vehicle to Everything (V2X) segment by Application

Road Safety Service

Automatic Parking System

Emergency Vehicles

Auto Car Service

### Automotive Vehicle to Everything (V2X) segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

#### Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

#### Latin America

Mexico

Brazil

Argentina

## Middle East & Africa

Turkey

Saudi Arabia

UAE

### Study Objectives

1. To analyze and research the global status and future forecast, involving growth rate (CAGR), market share, historical and forecast.
2. To present the key players, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Automotive Vehicle to Everything (V2X) market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Automotive Vehicle to Everything (V2X) and provides them with information on key

market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in market size), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Automotive Vehicle to Everything (V2X).

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Revenue of Automotive Vehicle to Everything (V2X) in global and regional level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 4: Detailed analysis of Automotive Vehicle to Everything (V2X) company competitive landscape, revenue, market share and industry ranking, latest development plan, merger, and acquisition information, etc.

Chapter 5: Provides the analysis of various market segments by type, covering the revenue, and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 6: Provides the analysis of various market segments by application, covering the revenue, and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 7: Provides profiles of key companies, introducing the basic situation of the main companies in the market in detail, including product descriptions and specifications, Automotive Vehicle to Everything (V2X) revenue, gross margin, and recent development, etc.

Chapter 8: North America (US & Canada) by type, by application and by country, revenue for each segment.

Chapter 9: Europe by type, by application and by country, revenue for each segment.

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