

# Global Automotive Vehicle to Everything (V2X) Communications Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Automotive Vehicle to Everything (V2X) Communications market size was valued at USD 1867.5 million in 2023 and is forecast to a readjusted size of USD 7114.2 million by 2030 with a CAGR of 21.1% during review period.

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.

Global Automotive Vehicle to Everything (V2X) Communications key players include Arada Systems, Autotalks Ltd., Cohda Wireless, Delphi Automotive, Denso, etc. Global top five manufacturers hold a share over 40%.

North America is the largest market, with a share about 30%, followed by Europe, and Japan, both have a share over 40 percent.

In terms of product, Vehicle-to-Infrastructure (V2I communication) is the largest segment, with a share nearly 65%. And in terms of application, the largest application is Road safety service, followed by Automatic parking system, Emergency vehicles, Auto car service.

The Global Info Research report includes an overview of the development of the Automotive Vehicle to Everything (V2X) Communications industry chain, the market status of Road Safety Service (Vehicle-to-vehicle Communication (V2V

communication), Vehicle-to-Infrastructure (V2I communication)), Automatic Parking System (Vehicle-to-vehicle Communication (V2V communication), Vehicle-to-Infrastructure (V2I communication)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Automotive Vehicle to Everything (V2X) Communications.

Regionally, the report analyzes the Automotive Vehicle to Everything (V2X) Communications markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Automotive Vehicle to Everything (V2X) Communications market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Automotive Vehicle to Everything (V2X) Communications market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Automotive Vehicle to Everything (V2X) Communications industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., Vehicle-to-vehicle Communication (V2V communication), Vehicle-to-Infrastructure (V2I communication)).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Automotive Vehicle to Everything (V2X) Communications market.

**Regional Analysis:** The report involves examining the Automotive Vehicle to Everything (V2X) Communications market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Automotive Vehicle to Everything (V2X) Communications market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Automotive Vehicle to Everything (V2X) Communications:

**Company Analysis:** Report covers individual Automotive Vehicle to Everything (V2X) Communications players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Automotive Vehicle to Everything (V2X) Communications. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Road Safety Service, Automatic Parking System).

**Technology Analysis:** Report covers specific technologies relevant to Automotive Vehicle to Everything (V2X) Communications. It assesses the current state, advancements, and potential future developments in Automotive Vehicle to Everything (V2X) Communications areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Automotive Vehicle to Everything (V2X) Communications market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Automotive Vehicle to Everything (V2X) Communications market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

## Market segment by Type

Vehicle-to-vehicle Communication (V2V communication)

Vehicle-to-Infrastructure (V2I communication)

Vehicle-to-Pedestrian (V2P communication)

## Market segment by Application

Road Safety Service

Automatic Parking System

Emergency Vehicles

Auto Car Service

## Market segment by players, this report covers

Arada Systems

Autotalks Ltd.

Cohda Wireless

Delphi Automotive

Denso

eTrans Systems

Kapsch TrafficCom

Qualcomm

Savari Inc

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

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

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Automotive Vehicle to Everything (V2X) Communications product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Automotive Vehicle to Everything (V2X) Communications, with revenue, gross margin and global market share of Automotive Vehicle to Everything (V2X) Communications from 2019 to 2024.

Chapter 3, the Automotive Vehicle to Everything (V2X) Communications competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Automotive Vehicle to Everything (V2X) Communications market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Automotive Vehicle to Everything (V2X) Communications.

Chapter 13, to describe Automotive Vehicle to Everything (V2X) Communications research findings and conclusion.

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