

# Global Cooperative Vehicle Infrastructure System (CVIS) Market 2023 by Company, Regions, Type and Application, Forecast to 2029

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## Abstracts

According to our (Global Info Research) latest study, the global Cooperative Vehicle Infrastructure System (CVIS) market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

The Cooperative Vehicle Infrastructure System (CVIS) is an advanced transportation system that aims to improve road safety, traffic efficiency, and overall transportation effectiveness by enabling communication and cooperation between vehicles (V2V - Vehicle-to-Vehicle) and between vehicles and infrastructure (V2I - Vehicle-to-Infrastructure).

CVIS relies on advanced communication technologies, such as Dedicated Short-Range Communication (DSRC) or Cellular Vehicle-to-Everything (C-V2X), to facilitate real-time exchange of data and information among vehicles and between vehicles and surrounding infrastructure, such as traffic signals, road signs, and traffic management centers.

The vehicle-road collaboration industry involves a wide range of areas, a long industrial chain, and prominent cross-border integration features, covering all aspects of chips, modules, terminals, platforms, testing and verification, network security, and system integration. Therefore, the development of vehicle-road coordination depends to a certain extent on the development of various technologies. At the same time, the development of this industry will also reversely promote the technological iteration and development innovation of some related industries.

The industry logic of vehicle-road coordination is basically the same as that of the communication network. Only a sound infrastructure can bring about the popularization of industrial terminals and the promotion of operations and applications. Therefore, the maturity of the vehicle-road coordination industry requires a relatively long process. The implementation and operation of the vehicle-road coordination system can only be achieved when the basic infrastructure of each part is basically completed.

The Global Info Research report includes an overview of the development of the Cooperative Vehicle Infrastructure System (CVIS) industry chain, the market status of Passenger Vehicle (Vehicle-to-Infrastructure (V2I), Vehicle-to-Everything (V2X)), Commercial Vehicle (Vehicle-to-Infrastructure (V2I), Vehicle-to-Everything (V2X)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Cooperative Vehicle Infrastructure System (CVIS).

Regionally, the report analyzes the Cooperative Vehicle Infrastructure System (CVIS) 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 Cooperative Vehicle Infrastructure System (CVIS) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Cooperative Vehicle Infrastructure System (CVIS) 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 Cooperative Vehicle Infrastructure System (CVIS) 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-Infrastructure (V2I), Vehicle-to-Everything (V2X)).

**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 Cooperative Vehicle Infrastructure System (CVIS) market.

**Regional Analysis:** The report involves examining the Cooperative Vehicle Infrastructure System (CVIS) 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 Cooperative Vehicle Infrastructure System (CVIS) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Cooperative Vehicle Infrastructure System (CVIS):

**Company Analysis:** Report covers individual Cooperative Vehicle Infrastructure System (CVIS) 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 Cooperative Vehicle Infrastructure System (CVIS) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Passenger Vehicle, Commercial Vehicle).

**Technology Analysis:** Report covers specific technologies relevant to Cooperative Vehicle Infrastructure System (CVIS). It assesses the current state, advancements, and potential future developments in Cooperative Vehicle Infrastructure System (CVIS) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Cooperative Vehicle Infrastructure System (CVIS) 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

Cooperative Vehicle Infrastructure System (CVIS) market is split by Type and by Application. For the period 2018-2029, 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-Infrastructure (V2I)

Vehicle-to-Everything (V2X)

### Market segment by Application

Passenger Vehicle

Commercial Vehicle

### Market segment by players, this report covers

Qualcomm Technologies

Cisco Systems

Ericsson

Nokia

Intel

Siemens Mobility

Bosch

Thales

Kapsch TrafficCom

Cubic

Aptiv

Denso

Beijing Wanji Technology

Telit

Sierra Wireless

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 Cooperative Vehicle Infrastructure System (CVIS) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Cooperative Vehicle Infrastructure System (CVIS), with revenue, gross margin and global market share of Cooperative Vehicle Infrastructure System (CVIS) from 2018 to 2023.

Chapter 3, the Cooperative Vehicle Infrastructure System (CVIS) 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 2018 to 2029.

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 2018 to 2023. and Cooperative Vehicle Infrastructure System (CVIS) market forecast, by regions, type and application, with consumption value, from 2024 to 2029.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War

Chapter 12, the key raw materials and key suppliers, and industry chain of Cooperative Vehicle Infrastructure System (CVIS).

Chapter 13, to describe Cooperative Vehicle Infrastructure System (CVIS) research findings and conclusion.

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