

Global Vehicle Communication Gateway Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/GC6450D61592EN.html>

Date: December 2023

Pages: 129

Price: US\$ 3,480.00 (Single User License)

ID: GC6450D61592EN

Abstracts

According to our (Global Info Research) latest study, the global Vehicle Communication Gateway market size was valued at USD 598.3 million in 2022 and is forecast to a readjusted size of USD 2229.3 million by 2029 with a CAGR of 20.7% during review period.

A Vehicle Communication Gateway is a crucial component in modern vehicles, particularly in the context of connected and smart vehicles. Its primary function is to facilitate communication between various electronic control units (ECUs) and systems within the vehicle, as well as between the vehicle and external networks or devices.

Growing Demand for Connected Vehicles: The demand for connected vehicles, which rely on vehicle communication gateways for data exchange, has been on the rise. Consumers increasingly expect features like infotainment, navigation, over-the-air updates, and remote diagnostics.

5G Connectivity: The deployment of 5G networks has the potential to revolutionize vehicle connectivity. Faster and more reliable 5G connections enable a broader range of applications and services, from real-time traffic updates to more advanced autonomous driving capabilities.

Over-the-Air (OTA) Updates: Many automakers are adopting OTA software updates, facilitated by vehicle communication gateways. This trend allows for remote updates to improve vehicle performance, add new features, and address security vulnerabilities.

Integration with Advanced Driver Assistance Systems (ADAS): Integration with ADAS

and autonomous driving systems is becoming more common. Vehicle communication gateways play a role in transmitting data between sensors, cameras, and control systems to enhance safety features.

The Global Info Research report includes an overview of the development of the Vehicle Communication Gateway industry chain, the market status of Passenger Car (Centralized Gateway, Domain Gateway), Commercial Vehicle (Centralized Gateway, Domain Gateway), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Vehicle Communication Gateway.

Regionally, the report analyzes the Vehicle Communication Gateway 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 Vehicle Communication Gateway market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Vehicle Communication Gateway 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 Vehicle Communication Gateway 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 sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Centralized Gateway, Domain Gateway).

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 Vehicle Communication Gateway market.

Regional Analysis: The report involves examining the Vehicle Communication Gateway 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 Vehicle Communication Gateway market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Vehicle Communication Gateway:

Company Analysis: Report covers individual Vehicle Communication Gateway manufacturers, 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 Vehicle Communication Gateway. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Passenger Car, Commercial Vehicle).

Technology Analysis: Report covers specific technologies relevant to Vehicle Communication Gateway. It assesses the current state, advancements, and potential future developments in Vehicle Communication Gateway areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Vehicle Communication Gateway 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

Vehicle Communication Gateway 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 volume and value.

Market segment by Type

Centralized Gateway

Domain Gateway

Market segment by Application

Passenger Car

Commercial Vehicle

Major players covered

Bosch

Renesas

Continental

Ixxat

FEV Group

Infineon Technologies

DASAN Network

NXP Semiconductors

Accurate Technologies

STMicroelectronics

ACTIA

Texas Instruments

Microchip Technology

Technica Engineering

Jingwei Hirain Technologies

Molex

Tata ELXSI

Gurtam

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

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

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Vehicle Communication Gateway product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Vehicle Communication Gateway, with price, sales, revenue and global market share of Vehicle Communication Gateway from 2018 to 2023.

Chapter 3, the Vehicle Communication Gateway competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Vehicle Communication Gateway breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Vehicle Communication Gateway market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Vehicle Communication Gateway.

Chapter 14 and 15, to describe Vehicle Communication Gateway sales channel, distributors, customers, research findings and conclusion.

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