

# Global Internet of Vehicles (IoV) Technology Market 2026 by Company, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Internet of Vehicles (IoV) Technology market size was valued at US\$ 3728 million in 2025 and is forecast to a readjusted size of US\$ 12938 million by 2032 with a CAGR of 19.7% during review period.

Internet of Vehicles (IoV) technology refers to a connected ecosystem that enables vehicles to communicate with other vehicles, roadside infrastructure, cloud platforms, and user devices through wireless networks and intelligent data systems. It integrates telematics control units, V2X communication modules, cellular and 5G connectivity, onboard sensors, cloud computing, artificial intelligence, and data analytics to support real-time information exchange, remote monitoring, predictive maintenance, safety alerts, fleet management, and digital in-vehicle services. By linking vehicles to the broader transportation and digital infrastructure network, IoV technology enhances traffic efficiency, road safety, operational management, and user experience within smart mobility and intelligent transportation systems.

Upstream of Internet of Vehicles (IoV) technology consists of semiconductor manufacturers supplying automotive-grade chips and processors, communication module providers offering 4G/5G and V2X components, sensor manufacturers producing GNSS, cameras, and radar units, as well as software developers delivering embedded operating systems, cybersecurity solutions, and cloud infrastructure services; telecom operators and network equipment vendors also form a critical part of the connectivity foundation. Downstream, IoV technology is integrated by automotive OEMs, commercial vehicle manufacturers, fleet operators, mobility service providers, and smart city authorities to enable connected car services, fleet management,

intelligent transportation systems, remote diagnostics, safety applications, and digital infotainment services, ultimately supporting end users such as private drivers, logistics companies, ride-hailing platforms, and public transportation networks.

This report is a detailed and comprehensive analysis for global Internet of Vehicles (IoV) Technology market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Internet of Vehicles (IoV) Technology market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Internet of Vehicles (IoV) Technology market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Internet of Vehicles (IoV) Technology market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2021-2032

Global Internet of Vehicles (IoV) Technology market shares of main players, in revenue (\$ Million), 2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Internet of Vehicles (IoV) Technology

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Internet of Vehicles (IoV) Technology market based on the following parameters - company overview, revenue, gross margin,

product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Bosch, Continental, ZF, Denso, Qualcomm, NXP, Aeris, IBM, Cisco, Huawei, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### Market segmentation

Internet of Vehicles (IoV) Technology market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

V2V

V2P

V2I

Others

### Market segment by Functional Role

Connectivity & Communication Solutions

Vehicle Data & Cloud Platforms

Safety & ADAS Integration Solutions

In-Vehicle Infotainment & Digital Services

Others

### Market segment by Application

Passenger Vehicles

Commercial Vehicles

Market segment by players, this report covers

Bosch

Continental

ZF

Denso

Qualcomm

NXP

Aeris

IBM

Cisco

Huawei

Amazon Web Services

Kapsch

Ficosa

LACROIX City

Cohda Wireless

Autotalks

Samsara

AutoPi

Veniam

Askey

Sansec

Inspur

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 and Rest of Asia-Pacific)

South America (Brazil, 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 Internet of Vehicles (IoV) Technology product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Internet of Vehicles (IoV) Technology, with revenue, gross margin, and global market share of Internet of Vehicles (IoV) Technology from 2021 to 2026.

Chapter 3, the Internet of Vehicles (IoV) Technology 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 by Application, with

consumption value and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Internet of Vehicles (IoV) Technology market forecast, by regions, by Type and by Application, with consumption value, from 2027 to 2032.

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

Chapter 12, the key raw materials and key suppliers, and industry chain of Internet of Vehicles (IoV) Technology.

Chapter 13, to describe Internet of Vehicles (IoV) Technology research findings and conclusion.

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