

Automotive Cloud Market Report by Propulsion Type (IC Engine Vehicle, Electric Vehicles), Deployment (Public Cloud, Private Cloud), Vehicle Type (Passenger Vehicles, Commercial Vehicles), Application (Infotainment Systems, Telematics, Fleet Management, OTA (Over The Air) Systems, ADAS (Advanced Driver-Assistance Systems), and Others), and Region 2024-2032

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Abstracts

The global automotive cloud market size reached US\$ 26.5 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 97.5 Billion by 2032, exhibiting a growth rate (CAGR) of 15.1% during 2024-2032.

An automotive cloud is a global cloud platform designed to serve the needs of automotive manufacturers and the mobility ecosystem. It is highly affordable as the automotive cloud saves the expense of hardware and information technology (IT) support as compared to traditional on-premises systems. It is easy to install and configure by offering access from any multimedia device and a comprehensive overview of all manufacturing operations. It is integrated with driver 360, which builds customer profiles and connects and tracks them through services, commerce, and marketing activities. It provides a secure, safe, and scalable foundation for connected and autonomous vehicles. It also assists in securing sensitive data by employing advanced data encryption protocols.

Automotive Cloud Market Trends:

At present, the growing demand for the automotive cloud to deliver various services,

such as entertainment, telematics, and navigation, represents one of the key factors driving the market. In addition, the automotive cloud provides stable infrastructure and services for various connected devices, such as cars, cellphones, infrastructure, and other application programming interfaces (APIs), which is propelling the growth of the market. Besides this, there is a rise in the number of connected vehicles with advanced software and onboard sensors that can communicate with other vehicles and drivers while monitoring road infrastructure across the globe. This, along with the burgeoning automotive industry, is offering a lucrative growth opportunity to industry investors. Moreover, the growing utilization of the internet of things (IoT) technology and 5G networks in automobiles to improve driving experiences and make them smarter and safer is positively influencing the market around the world. Additionally, cloud service providers integrate blockchain technology into their platforms to provide highly decentralized ledger capabilities for increasing security, which is bolstering the growth of the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global automotive cloud market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on propulsion type, deployment, vehicle type and application.

Breakup by Propulsion Type:

- IC Engine Vehicle
- Electric Vehicles

Breakup by Deployment:

- Public Cloud
- Private Cloud

Breakup by Vehicle Type:

- Passenger Vehicles
- Commercial Vehicles

Breakup by Application:

- Infotainment Systems

Telematics
Fleet Management
OTA (Over The Air) Systems
ADAS (Advanced Driver-Assistance Systems)
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Amazon Web Services Inc. (Amazon.com Inc.), BlackBerry Limited, CloudMade (Valeo), Continental Aktiengesellschaft, Harman International Industries (Samsung Electronics Co. Ltd.), Intellias, Robert Bosch GmbH (Robert Bosch Stiftung GmbH), Telefonaktiebolaget LM Ericsson, Telenav Inc.,

TomTom International BV. and Visteon Corporation. Kindly, note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report

1. What was the size of the global automotive cloud market in 2023?
2. What is the expected growth rate of the global automotive cloud market during 2024-2032?
3. What are the key factors driving the global automotive cloud market?
4. What has been the impact of COVID-19 on the global automotive cloud market?
5. What is the breakup of the global automotive cloud market based on deployment?
6. What is the breakup of the global automotive cloud market based on the vehicle type?
7. What is the breakup of the global automotive cloud market based on the application?
8. What are the key regions in the global automotive cloud market?
9. Who are the key players/companies in the global automotive cloud market?

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