

# **Global Automotive Human Machine Interface (HMI) Market Size study & Forecast, by Product Type (Instrument Cluster, Infotainment System, RSE Display, HUD), by Vehicle Type (Passenger Car and Commercial Vehicle) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Automotive Human Machine Interface (HMI) Market is valued at approximately USD XX Billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Display systems are the most important part of the Human Machine Interface system. It is utilised as a means of communication for both information and entertainment. The ADAS system collects data from numerous sensors and shows it on display systems, allowing the driver to better operate the vehicle. Automobile manufacturers improve driver control, safety, and precision while also entertaining passengers by using HMI technologies. Automotive HMI solutions of the future are very significant and contextual for consumers. The Automotive Human Machine Interface (HMI) Market is expanding because of factors such as rising demand for premium vehicles which drives demand for instrument clusters and human-machine interface capability to offer exceptional driver safety.

According to Statista, the global market for luxury cars is expected to be worth over 551 billion euros in 2021, representing a year-on-year increase of more than 9%. In the same year, the worldwide luxury market was estimated to be worth roughly 1,140 billion euros. Mercedes was the luxury car OEM in terms of sales in the financial year 2021, with over 6.8 thousand units sold. BMW and Audi came in second and third, with 5.8 thousand and 2.2 thousand vehicles sold, respectively. In 2018, Mercedes-Benz introduced its first 'Made in India' vehicle and the country's first luxury electric vehicle.

Instrument clusters when combined with HMI, enable the development of straightforward solutions while helping to replace the traditional limitations of analogue dashboards. Furthermore, the increasing use of fully digitized 3D instrument clusters in high-end luxury cars and a variety of passenger and commercial vehicles will drive market growth. Also, the emergence of concept cars and electric vehicles in the automobile industry expansion in mobility services will provide lucrative growth opportunities for the market during the forecast period. However, the inadequate cyber security in the system hampers market growth during the forecast period of 2022-2029.

The key regions considered for the Global Automotive Human Machine Interface (HMI) Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the rising import of passenger cars and commercial vehicles with HMI from the European region due to rising regional demand can be attributed to regional growth. Asia Pacific is expected to grow with the highest CAGR during the forecast period. This is due to the region's impressive growth in demand for automotive HMI for high-end and luxury vehicles.

Major market players included in this report are:

Continental AG

Visteon Corporation

Denso Corporation

Harman

Alpine Electronics

Panasonic Corporation

Valeo

Bosch, Inc.

Elektrobit

Nuance Communications Inc.

Recent Developments in the Market:

In December 2017, Denso Corporation collaborated with BlackBerry Limited to build an integrated HMI platform that uses BlackBerry's QNX interface for virtualization. It would allow different Human Machine Interface products to sync with suitable timing to provide a timely response.

In July 2019, Denso Corporation and Toyota Motor Corporation announced a joint venture to discover and build next-generation in-vehicle semiconductors.

Global Automotive Human Machine Interface (HMI) Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Product Type, Vehicle Type, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product Type:

Instrument Cluster

Infotainment System

RSE Display

HUD

By Vehicle Type:

Passenger Car

Commercial Vehicle

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
RoLA  
Rest of the World

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