

Global Automotive eCall Market Size study & Forecast, by Trigger Type (Manually Initiated eCall (MleC), Automatically Initiated eCall (AleC)) By Vehicle Type (Passenger Cars, Commercial Vehicles) By Propulsion Type (IC Engine, Electric) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G3973C80DE58EN.html>

Date: March 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G3973C80DE58EN

Abstracts

Global Automotive eCall Market is valued approximately at USD 1.16 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 10.53% over the forecast period 2023-2030. Automotive eCall is a system designed to automatically contact emergency services in the event of a road traffic collision or other critical situations involving a vehicle. The primary objective of the eCall system is to provide rapid assistance to motorists in distress, potentially reducing response times and improving the overall effectiveness of emergency services. The Automotive eCall market is expanding because of factors such as rising number of deaths due to road accidents and growing rate of urbanization. As a result, the demand of Automotive eCall has progressively increased in the international market during the forecast period 2023-2030.

Automotive e-call systems are designed to automatically dial emergency services in the event of a severe accident. By providing quicker notification to emergency responders, e-call systems can help reduce response times. Faster response times can lead to more prompt medical assistance, potentially minimizing the severity of injuries and reducing fatalities. According to the World Health Organization, road traffic injuries claim the lives of a significant number of children and young adults, emerging as the primary cause of death for individuals aged 5-29 years. Each year, approximately 1.3 million people lose their lives due to road traffic crashes. Another important factor drives the Automotive

eCall market is increasing rate of urbanization. Urbanization is often accompanied by the development of smart city initiatives. Automotive e-call systems can integrate with smart city infrastructure, allowing for improved coordination between vehicles, traffic management systems and emergency services. In addition, as per Statista, the global urbanization rate accounted 57% in 2022. North America has the highest rate of urbanization, with more than four fifths of the population living in cities. Moreover, rising inclination towards enhanced safety and security features in vehicles and technological advancements related to Automotive eCall is anticipated to create a lucrative growth opportunity for the market over the forecast period. However, inconsistency of satellite signals and data security and privacy issues is going to impede overall market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Automotive eCall Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Europe dominated the market in 2022 with largest market share owing to the stringent driving and safety norms in the region. Stringent norms often specify the accuracy of location data provided by e-Call systems. This ensures that emergency services can precisely locate the vehicle involved in an accident, further improving the efficiency of response efforts. The region's dominant performance is anticipated to propel the overall demand of Automotive eCall. Furthermore, Asia Pacific region is expected to grow with the fastest CAGR during the forecast period, owing to factors such as growing concerns about road fatalities and accidents in the region. Automotive e-call systems enable vehicles to automatically communicate with emergency services in the event of an accident or emergency. This helps in reducing response times, ensuring that assistance reaches the accident site quickly. Swift emergency response can be crucial in saving lives and minimizing the severity of injuries.

Major market player included in this report are:

Continental AG

Robert Bosch GmbH

Telit Communications PLC

Thales Group

STMicroelectronics N.V.

U-blox Holding AG

Texas Instruments Incorporated

Valeo S.A.

Infineon Technologies AG

Visteon Corporation

Recent Developments in the Market:

In February 2023, Qualcomm Technologies, Inc has unveiled the Snapdragon Auto 5G Modem-RF Gen 2, the newest addition to its growing Snapdragon Digital Chassis connected car technology portfolio. The company's most powerful automotive modem-RF system has high performance processing power and up to 200 MHz of network capacity to provide dependable, low-latency connectivity for safe, intelligent, and immersive riding experiences. The Snapdragon Auto 5G Modem-RF Gen 2 also brings a new type of communication to the automotive industry, with support for satellite communications, ensuring connectivity is always available for apps that need two-way messaging. Increased support for vehicle safety for mission important and emergency services requiring network connectivity, such as next generation eCall, as well as support for satellite communications to enable ubiquitous connectivity and communications in remote and rural locations.

Global Automotive eCall Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered - Trigger Type, Vehicle Type, Propulsion Type, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

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 Trigger Type

Manually Initiated eCall (MleC)

Automatically Initiated eCall (AleC)

By Vehicle Type

Passenger Cars

Commercial Vehicles

By Propulsion Type

IC Engine

Electric

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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