

Report Information

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Automotive Active Safety System Market Research Report - Global Forecast to 2032

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Description:

Automotive Active Safety System Market Overview

The Automotive Active Safety Market is projected to grow from USD 17429.91 Million in 2021 to USD 71090.37 Million by 2032, exhibiting a compound annual growth rate (CAGR) 16.9% during the forecast period (2023 - 2032). The surging vehicle production and rising strictness of the government safety rules are the top factors behind the expansion of the automobile active safety systems market. The demand for active safety systems is also mounting as a result of the soaring production of both passenger and commercial cars worldwide.

Customers, businesses, and governments are all concerned about the steadily rising number of car accidents caused by sudden lane changes. The performance of advanced driver assistant systems (ADAS) is therefore being driven by ongoing technological advancements in the automotive industry, which are continuously adding distinctive features to cars to reduce traffic accidents and increase the security of both passengers and drivers in both cars. This may help to drive the automotive active safety system market. Market vendors help original equipment manufacturers (OEMs) sustain innovation in automotive safety regulations.

Automotive Active Safety System Market Driver

Demand to rise as the need to reduce collision rates surges

The active safety features in automobiles make it easier to avoid or reduce injuries during collisions. Seatbelts and headrests are part of the active safety system, which helps keep the occupant in position during collisions and lowers the risk of harm. To lessen mishaps, the system offers warnings and further help. Additionally, it aids in maintaining the car in the right lane and warns users of blind spots, helping to prevent accidents. Electronic stability control (ESC), tire pressure monitoring systems (TPMS), and lane departure warning systems (LDWS) are a few of the most popular active safety systems.

- **Rising demand in the automotive sector for passenger & vehicle safety**

The demand for active safety systems has increased as a result of the rise in passenger and commercial vehicle production. During the forecast period, the market is anticipated to develop as a result. Additionally, in the upcoming years, the vehicle active safety system will expand as a result of safety solutions in the automobile sector.

- **Increased enthusiasm for high-speed vehicles**

A surge in the number of young clients and a rise in the desire for fast cars has led to more accidents. Advanced safety technologies including blind spot identification, lane keep assist, and anti-roll braking systems are currently being included in many automobiles. The market for automotive active safety systems will therefore expand in the upcoming years as high-speed vehicle demand rises.

The potential for the Automotive Safety System Market to flourish increases with the number of autonomous vehicles in the market. Surveys show that consumers in a number of countries are starting to trust autonomous or self-driving cars. Part of this can be attributed to how well

autonomous vehicle testing and operations have gone in the South Asian region. However, some of the issues that may hinder market expansion include the high cost of safety systems and worries about system security.

Automotive Active Safety System Market Segment Insights:

Automotive Active Safety System Product Insights

The tire-pressure monitoring system, lane departure warning, adaptive cruise control, night vision system, driver monitoring, anti-lock braking system, and blind spot detection are the market segments by product. Due to growing knowledge of the system's features and applications, the adaptive cruise control sector is anticipated to dominate the market throughout the projection period. The technology of the future for intelligent cars is adaptive cruise control. They employ sensors to measure the space between vehicles, enhancing driver ease and safety. By maintaining a secure distance between the two vehicles, they also expand the road's capacity.

Automotive Active Safety System Occupant Type Insights

The market is divided into driver, passenger, kid, and pedestrian segments based on occupant type. Due to an increased requirement for driving safety and guidance about lane and direction, the driver sector is anticipated to dominate the market over the projection period.

Automotive Active Safety System Vehicle Type Insights

Passenger vehicles and Commercial vehicles are the vehicle types considered in the study. It is anticipated that the passenger vehicle segment will dominate the worldwide market during the study period. This vehicle type is anticipated to grow at the fastest rate over the same period of time due to greater adoption of safety systems, high demand for active safety systems, and organic growth in the production of luxury cars and SUVs.

Automotive Active Safety System Regional Insights

By Region, the study considers Europe, North America, Asia-Pacific, and the Rest of the World as the top segments.

In light of the presence of significant competitors in the region, the North American automobile active safety system market will dominate. The market growth in this region will also be aided by the rising acceptance rate of contemporary technology and developing economic conditions. Additionally, the North American vehicle safety system market in North America was led by the US, which had the biggest market share, and Canada, which had the quickest rate of growth.

Due to the adoption of stronger safety regulations by several governments and the rising use of curtain and knee airbags in this region, Europe holds the second-largest market share for vehicle active safety systems. The UK market will have the fastest increase while the German market for car active safety systems is currently in the lead.

From 2023 to 2032, the automotive active safety system market in Asia-Pacific is anticipated to develop at the quickest CAGR. This is a result of the rising use of sophisticated electronics and the substantial manufacture of automobiles in nations like South Korea, China, and Japan. Additionally, the Indian automotive active safety system market had the Asia-Pacific region's quickest rate of growth and China's automotive active safety system market had the greatest market share.

Automotive Active Safety System Market Players & Competitive Insights

Numerous international, regional, and local providers can be found in the market for vehicle active safety systems. All of the companies in the industry are vying for the largest possible portion of the market, which is very competitive. Market expansion is significantly impacted by fierce competition, frequent changes to legislation and government policies, and other variables. Cost, product quality, dependability, and aftermarket services are the criteria on which the vendors compete. To remain relevant in a highly competitive market climate, the vendors must offer high-quality, cost-effective active safety solutions.

Bosch (Germany), Continental (Germany), Delphi Technologies (U.K.), ZF Friedrichshafen (Germany), Autoliv (Sweden), Hyundai Mobis (South Korea), Valeo (France), DENSO (Japan), Magna International (Canada), FLIR Systems (U.S.), Infineon Technologies (Germany), Ficos International S.A. (Spain), PSA Peugeot Citroen (France), Borg Warner Inc.(U.S.), CAx software (India) are the top developers of automotive active safety systems listed in the MRFR report.

Automotive Active Safety Systems Market Segmentation

Global Automotive Active Safety System Market, By Product

- Tyre-Pressure Monitoring System
- Lane Departure Warning

- Adaptive Cruise Control
- Night Vision System
- Driver Monitoring
- Anti-Lock Braking System
- Blind Spot Detection

Global Automotive Active Safety System Market, By Occupant Type

- Driver
- Passenger
- Child
- Pedestrian

Global Automotive Active Safety System Market, By Vehicle Type

- Passenger Car
- Commercial Vehicle

Automotive Active Safety System Market Regional Outlook

- North America
 - US
 - Canada
 - Mexico
- Europe
 - Germany
 - France
 - UK
 - Rest of Europe
- Asia-Pacific
 - China
 - Japan
 - India
 - Rest of Asia-Pacific
- Rest of the World
 - Middle East & Africa
 - South America

Table of Content:

Contents
Table of Contents

1	Executive Summary
2	Scope of the Report
2.1	Market Definition

2.2	Scope of the Study
2.2.1	Definition
2.2.2	Research Objective
2.2.3	Assumptions
2.2.4	Limitations
2.3	Research Process
2.3.1	Primary Research
2.3.2	Secondary Research
2.4	Market size Estimation
2.5	Forecast Model
3	Market Landscape
3.1	Porter's Five Forces Analysis
3.1.1	Threat of New Entrants
3.1.2	Bargaining power of buyers
3.1.3	Threat of substitutes
3.1.4	Segment rivalry
3.1.5	Bargaining Power of Buyers
3.2	Value Chain/Supply Chain Analysis
4	Market Dynamics
4.1	Introduction
4.2	Market Drivers
4.3	Market Restraints
4.4	Market Opportunities
4.5	Market Trends
5	Global Automotive Active Safety System Market, By Product
5.1	Introduction
5.2	Tyre-Pressure Monitoring System
5.2.1	Market Estimates & Forecast, 2023-2032
5.2.2	Market Estimates & Forecast by Region, 2023-2032
5.3	Lane Departure Warning
5.3.1	Market Estimates & Forecast, 2023-2032
5.3.2	Market Estimates & Forecast by Region, 2023-2032
5.4	Adaptive Cruise Control
5.4.1	Market Estimates & Forecast, 2023-2032
5.4.2	Market Estimates & Forecast by Region, 2023-2032
5.5	Night Vision System
5.5.1	Market Estimates & Forecast, 2023-2032
5.5.2	Market Estimates & Forecast by Region, 2023-2032
5.6	Driver Monitoring
5.6.1	Market Estimates & Forecast, 2023-2032
5.6.2	Market Estimates & Forecast by Region, 2023-2032
5.7	Anti-Lock Braking System
5.7.1	Market Estimates & Forecast, 2023-2032
5.7.2	Market Estimates & Forecast by Region, 2023-2032
5.8	Blind Spot Detection
5.8.1	Market Estimates & Forecast, 2023-2032
5.8.2	Market Estimates & Forecast by Region, 2023-2032
6	Global Automotive Active Safety System Market, By Occupant Type
6.1	Introduction
6.2	Driver
6.2.1	Market Estimates & Forecast, 2023-2032
6.2.2	Market Estimates & Forecast by Region, 2023-2032
6.3	Passenger
6.3.1	Market Estimates & Forecast, 2023-2032
6.3.2	Market Estimates & Forecast by Region, 2023-2032
6.4	Child
6.4.1	Market Estimates & Forecast, 2023-2032
6.4.2	Market Estimates & Forecast by Region, 2023-2032
6.5	Pedestrian
6.5.1	Market Estimates & Forecast, 2023-2032
6.5.2	Market Estimates & Forecast by Region, 2023-2032
7	Global Automotive Active Safety System Market, By Vehicle Type
7.1	Introduction
7.2	Passenger Car
7.2.1	Market Estimates & Forecast, 2023-2032
7.2.2	Market Estimates & Forecast by Region, 2023-2032
7.3	Commercial Vehicle
7.3.1	Market Estimates & Forecast, 2023-2032
7.3.2	Market Estimates & Forecast by Region, 2023-2032
8	Global Automotive Active Safety System Market, By Region
8.1	Introduction
8.2	North America
8.2.1	Market Estimates & Forecast, 2023-2032
8.2.2	Market Estimates & Forecast by Product, 2023-2032
8.2.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.2.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
8.2.6	The U.S.
8.2.6.1	Market Estimates & Forecast, 2023-2032
8.2.6.2	Market Estimates & Forecast by Product, 2023-2032
8.2.6.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.2.6.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
8.2.7	Canada
8.2.7.1	Market Estimates & Forecast, 2023-2032
8.2.7.2	Market Estimates & Forecast by Product, 2023-2032
8.2.7.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.2.7.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
8.3	Europe
8.3.1	Market Estimates & Forecast, 2023-2032
8.3.2	Market Estimates & Forecast by Product, 2023-2032
8.3.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.3.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
8.3.6	U.K.
8.3.6.1	Market Estimates & Forecast, 2023-2032

8.3.6.2	Market Estimates & Forecast by Product, 2023-2032
8.3.6.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.2.6.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
8.3.7	Germany
8.3.7.1	Market Estimates & Forecast, 2023-2032
8.3.7.2	Market Estimates & Forecast by Product, 2023-2032
8.3.7.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.3.7.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
8.3.8	France
8.3.8.1	Market Estimates & Forecast, 2023-2032
8.3.8.2	Market Estimates & Forecast by Product, 2023-2032
8.3.8.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.3.8.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
8.3.8	Italy
8.3.8.1	Market Estimates & Forecast, 2023-2032
8.3.8.2	Market Estimates & Forecast by Product, 2023-2032
8.3.8.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.3.8.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
8.3.10	Rest of Europe
8.3.10.1	Market Estimates & Forecast, 2023-2032
8.3.10.2	Market Estimates & Forecast by Product, 2023-2032
8.3.10.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.3.10.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
8.4	Asia Pacific
8.4.1	Market Estimates & Forecast, 2023-2032
8.4.2	Market Estimates & Forecast by Product, 2023-2032
8.4.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.4.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
8.4.6	China
8.4.6.1	Market Estimates & Forecast, 2023-2032
8.4.6.2	Market Estimates & Forecast by Product, 2023-2032
8.4.6.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.4.6.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
8.4.7	Japan
8.4.7.1	Market Estimates & Forecast, 2023-2032
8.4.7.2	Market Estimates & Forecast by Product, 2023-2032
8.4.7.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.4.7.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
8.4.8	India
8.4.8.1	Market Estimates & Forecast, 2023-2032
8.4.8.2	Market Estimates & Forecast by Product, 2023-2032
8.4.8.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.4.8.4	Market Estimates & Forecast by Vehicle Type 2023-2032
8.4.8	Rest of Asia Pacific
8.4.8.1	Market Estimates & Forecast, 2023-2032
8.4.8.2	Market Estimates & Forecast by Product, 2023-2032
8.4.8.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.4.8.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
8.5	Rest of the World
8.5.1	Market Estimates & Forecast, 2023-2032
8.5.2	Market Estimates & Forecast by Product, 2023-2032
8.5.3	Market Estimates & Forecast by Occupant Type, 2023-2032
8.5.4	Market Estimates & Forecast by Vehicle Type, 2023-2032
9	Competitive Landscape
10	Company Profile
10.1	Bosch (Germany)
10.1.1	Company Overview
10.1.2	Products/Services Offering
10.1.3	Financial Overview
10.1.4	Key Developments
10.1.5	Strategy
10.1.6	SWOT Analysis
10.2	Continental (Germany)
10.2.1	Company Overview
10.2.2	Products/Services Offering
10.2.3	Financial Overview
10.2.4	Key Developments
10.2.5	Strategy
10.2.6	SWOT Analysis
10.3	Delphi Technologies (U.K.)
10.3.1	Company Overview
10.3.2	Products/Services Offering
10.3.3	Financial Overview
10.3.4	Key Developments
10.3.5	Strategy
10.3.6	SWOT Analysis
10.4	ZF Friedrichshafen (Germany)
10.4.1	Company Overview
10.4.2	Products/Services Offering
10.4.3	Financial Overview
10.4.4	Key Developments
10.4.5	Strategy
10.4.6	SWOT Analysis
10.5	Autoliv (Sweden)
10.5.1	Company Overview
10.5.2	Products/Services Offering
10.5.3	Financial Overview
10.5.4	Key Developments
10.5.5	Strategy
10.5.6	SWOT Analysis
10.6	Hyundai Mobis (South Korea)
10.6.1	Company Overview
10.6.2	Products/Services Offering

10.6.3	Financial Overview
10.6.4	Key Developments
10.6.5	Strategy
10.6.6	SWOT Analysis
10.7	Valeo (France)
10.7.1	Company Overview
10.7.2	Products/Services Offering
10.7.3	Financial Overview
10.7.4	Key Developments
10.7.5	Strategy
10.7.6	SWOT Analysis
10.8	DENSO (Japan)
10.8.1	Company Overview
10.8.2	Products/Services Offering
10.8.3	Financial Overview
10.8.4	Key Developments
10.8.5	Strategy
10.8.6	SWOT Analysis
10.9	Magna International (Canada)
10.9.1	Company Overview
10.9.2	Products/Services Offering
10.9.3	Financial Overview
10.9.4	Key Developments
10.9.5	Strategy
10.9.6	SWOT Analysis
10.10	FLIR Systems (U.S.)
10.10.1	Company Overview
10.10.2	Products/Services Offering
10.10.3	Financial Overview
10.10.4	Key Developments
10.10.5	Strategy
10.10.6	SWOT Analysis
10.10	Infineon Technologies (Germany)
10.10.1	Company Overview
10.10.2	Products/Services Offering
10.10.3	Financial Overview
10.10.4	Key Developments
10.10.5	Strategy
10.10.6	SWOT Analysis
10.10	Ficosa International S.A. (Spain)
10.10.1	Company Overview
10.10.2	Products/Services Offering
10.10.3	Financial Overview
10.10.4	Key Developments
10.10.5	Strategy
10.10.6	SWOT Analysis
10.10	PSA Peugeot Citroen (France)
10.10.1	Company Overview
10.10.2	Products/Services Offering
10.10.3	Financial Overview
10.10.4	Key Developments
10.10.5	Strategy
10.10.6	SWOT Analysis
10.10	Borg Warner Inc.(U.S.)
10.10.1	Company Overview
10.10.2	Products/Services Offering
10.10.3	Financial Overview
10.10.4	Key Developments
10.10.5	Strategy
10.10.6	SWOT Analysis
10.10	CAX software (India)
10.10.1	Company Overview
10.10.2	Products/Services Offering
10.10.3	Financial Overview
10.10.4	Key Developments
10.10.5	Strategy
10.10.6	SWOT Analysis

List of Tables

Table 1	Global Automotive Active Safety System Market: By Region, 2023-2032
Table 2	North America Automotive Active Safety System Market: By Country, 2023-2032
Table 3	Europe Automotive Active Safety System Market: By Country, 2023-2032
Table 4	Asia Pacific Automotive Active Safety System Market: By Country, 2023-2032
Table 5	RoW Automotive Active Safety System Market: By Country, 2023-2032
Table 6	Global Automotive Active Safety System Market, By Product, By Regions, 2023-2032
Table 7	North America Automotive Active Safety System Market, By Product, By Country, 2023-2032
Table 8	Europe Automotive Active Safety System Market, By Product, By Country, 2023-2032
Table 9	Asia Pacific Automotive Active Safety System Market by Product, By Country, 2023-2032
Table 10	RoW Automotive Active Safety System Market by Product, By Country, 2023-2032
Table 11	Global Automotive Active Safety System by Occupant Type Market: By Regions, 2023-2032
Table 12	North America Automotive Active Safety System Market by Occupant Type: By Country, 2023-2032
Table 13	Europe Automotive Active Safety System Market by Occupant Type: By Country, 2023-2032
Table 14	Asia Pacific Automotive Active Safety System Market by Occupant Type: By Country, 2023-2032
Table 15	RoW Automotive Active Safety System Market by Occupant Type: By Country, 2023-2032
Table 16	Global Automotive Active Safety System by Vehicle Type Market: By Regions, 2023-2032
Table 17	North America Automotive Active Safety System Market by Vehicle Type: By Country, 2023-2032
Table 18	Europe Automotive Active Safety System Market by Vehicle Type: By Country, 2023-2032
Table 19	Asia Pacific Automotive Active Safety System Market by Vehicle Type: By Country, 2023-2032
Table 20	RoW Automotive Active Safety System Market by Vehicle Type: By Country, 2023-2032
Table 21	Global Automotive Active Safety System Market: By Region, 2023-2032
Table 22	Global Automotive Active Safety System Market: By Product, 2023-2032
Table 23	Global Automotive Active Safety System Market: By Occupant Type, 2023-2032

Table 24	Global Automotive Active Safety System Market: By Vehicle Type, 2023-2032
Table 25	North America Automotive Active Safety System Market, By Country
Table 26	North America Automotive Active Safety System Market, By Product
Table 27	North America Automotive Active Safety System Market, By Occupant Type
Table 28	North America Automotive Active Safety System Market, By Vehicle Type
Table 29	Europe: Automotive Active Safety System Market, By Country
Table 30	Europe: Automotive Active Safety System Market, By Product
Table 31	Europe: Automotive Active Safety System Market, By Occupant Type
Table 32	Europe: Automotive Active Safety System Market, By Vehicle Type
Table 33	Asia Pacific: Automotive Active Safety System Market, By Country
Table 34	Asia Pacific: Automotive Active Safety System Market, By Product
Table 35	Asia Pacific: Automotive Active Safety System Market, By Occupant Type
Table 36	Asia Pacific: Automotive Active Safety System Market, By Vehicle Type
Table 37	RoW: Automotive Active Safety System Market, By Region
Table 38	RoW Automotive Active Safety System Market, By Product
Table 39	RoW Automotive Active Safety System Market, By Occupant Type
Table 40	RoW Automotive Active Safety System Market, By Vehicle Type

List of Figures

FIGURE 1	Research Process of MRFR
FIGURE 2	Top down & Bottom up Approach
FIGURE 3	Market Dynamics
FIGURE 4	impact analysis: market drivers
FIGURE 5	impact analysis: market restraints
FIGURE 6	porter's five forces analysis
FIGURE 7	Value chain analysis
FIGURE 8	Global Automotive Active Safety System Market SHARE, By Product, 2023 (%)
FIGURE 9	Global Automotive Active Safety System Market, By Product, 2023-2032 (USD MILLION)
FIGURE 10	Global Automotive Active Safety System Market SHARE, By Occupant Type, 2023 (%)
FIGURE 11	Global Automotive Active Safety System Market, By Occupant Type, 2023-2032 (USD MILLION)
FIGURE 12	Global Automotive Active Safety System Market SHARE, By Vehicle Type, 2023 (%)
FIGURE 13	Global Automotive Active Safety System Market, By Vehicle Type, 2023-2032 (USD MILLION)
FIGURE 14	Global Automotive Active Safety System Market SHARE (%), BY REGION, 2023
FIGURE 15	Global Automotive Active Safety System Market, BY REGION, 2023-2032 (USD MILLION)
FIGURE 16	North America Automotive Active Safety System Market SHARE (%), 2023
FIGURE 17	North America Automotive Active Safety System Market BY Country, 2023-2032 (USD MILLION)
FIGURE 18	Europe Automotive Active Safety System Market SHARE (%), 2023
FIGURE 19	Europe Automotive Active Safety System Market BY Country, 2023-2032 (USD MILLION)
FIGURE 20	Asia Pacific Automotive Active Safety System Market SHARE (%), 2023
FIGURE 21	Asia Pacific Automotive Active Safety System Market BY Country, 2023-2032 (USD MILLION)
FIGURE 22	Rest of the World Automotive Active Safety System Market SHARE (%), 2023
FIGURE 23	Rest of the World Automotive Active Safety System Market BY Country, 2023-2032 (USD MILLION)