+357 96 030922
info@marketpublishers.com

Road Safety Market Forecasts to 2030 – Global Analysis By Component (Active Safety Systems, Passive Safety Systems, Road Safety Equipment and Other Components), Technology, Application, End User and By Geography

https://marketpublishers.com/r/RADF027D0B93EN.html
Date: April 2025
Pages: 150
Price: US$ 4,150.00 (Single User License)
ID: RADF027D0B93EN

Abstracts

According to Stratistics MRC, the Global Road Safety Market is accounted for $4.38 billion in 2024 and is expected to reach $12.76 billion by 2030 growing at a CAGR of 19.5% during the forecast period. Road safety includes procedures, laws, and technology designed to keep people safe when driving. It includes creating safe road infrastructure, upholding traffic regulations, encouraging safe driving practices, and guaranteeing car safety standards. Campaigns to raise awareness among the general public about the value of following traffic laws and wearing safety gear, such as seat belts and helmets, are another aspect of road safety. Controlling speed, preventing drunk driving, protecting pedestrians, and being ready for emergencies are all important aspects of road safety. By lowering traffic-related deaths and injuries, effective road safety measures can improve public health and safety in general.

According to the research, 10% decrease in road traffic deaths improves per capita real GDP by 3.6% over a 24-year horizon, based on thorough data on mortality and economic indicators from 135 countries. Over the period 2014-38, halving road traffic deaths and injuries might add 22% to GDP per capita in Thailand, 15% in China, 14% in India, 7% in the Philippines, and 7% in Tanzania.

Market Dynamics:

Driver:

+357 96 030922
info@marketpublishers.com

Rising number of road accidents & fatalities

The increasing number of vehicles on the road, the risk of accidents has also surged, leading to a growing emphasis on enhancing road safety measures. Governments and organizations worldwide are implementing stringent regulations and investing in advanced technologies to reduce road accidents and improve overall safety. The development of intelligent transportation systems and the integration of advanced driver-assistance systems (ADAS) are key factors contributing to the market's growth.

Restraint:

Lack of infrastructure in developing regions

Developing countries struggle with inadequate road infrastructure, which hampers the implementation of advanced safety measures. Poor road conditions, lack of proper signage, and insufficient lighting are some of the factors that contribute to the high incidence of road accidents in these regions. Additionally, limited financial resources and competing priorities make it difficult for governments to invest in necessary infrastructure improvements hindering the market growth.

Opportunity:

Increased investments in road infrastructure development

Governments and private sector organizations are recognizing the importance of upgrading and expanding road infrastructure to enhance safety and reduce congestion. Initiatives such as the construction of new highways, the installation of smart traffic management systems, and the development of pedestrian-friendly pathways are being undertaken to improve overall road safety. Moreover, the adoption of innovative technologies, such as connected and autonomous vehicles, also opens up new opportunities for integrating advanced safety features into road infrastructure.

Threat:

Privacy concerns related to surveillance systems

Increasing use of surveillance cameras and monitoring systems to enhance road safety has raised concerns about data privacy and the potential misuse of personal information. Public apprehension about being constantly monitored and the possibility of

+357 96 030922
info@marketpublishers.com

unauthorized access to sensitive data can lead to resistance against the implementation of such systems. Addressing these concerns requires stringent data protection regulations, transparent policies, and robust cybersecurity measures to ensure that surveillance systems are used responsibly and ethically.

Covid-19 Impact

The COVID-19 pandemic has had a mixed impact on the road safety market. On one hand, the reduced vehicular traffic during lockdowns led to a temporary decline in road accidents and fatalities. However, the pandemic also disrupted supply chains and delayed infrastructure projects, impacting the implementation of road safety measures. The economic downturn and budget constraints have further affected investments in road infrastructure development. The increased focus on contactless solutions and smart city initiatives is expected to drive the market's growth in the post-pandemic period.

The active safety systems segment is expected to be the largest during the forecast period

The active safety systems segment is expected to account for the largest market share during the forecast period owing to features such as adaptive cruise control, lane departure warning, and automatic emergency braking, which are designed to prevent accidents and enhance vehicle safety. The growing demand for advanced driver-assistance systems (ADAS) and the increasing integration of active safety features in vehicles drive the market growth.

The sensor technology segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the sensor technology segment is predicted to witness the highest growth rate attributed to the growing adoption of connected and autonomous vehicles, which rely heavily on sensor technology, drives the demand for advanced sensors. Innovations in sensor technology, including the development of high-resolution cameras, LiDAR, and radar sensors, further enhance their capabilities and market potential. The increasing focus on smart infrastructure and intelligent transportation systems supports the rapid growth of the sensor technology.

Region with largest share:

+357 96 030922
info@marketpublishers.com

During the forecast period, the Asia Pacific region is expected to hold the largest market share driven by the increasing number of vehicles on the road, rising urbanization, and expanding road infrastructure. Countries like China, India, and Japan are leading the adoption of advanced road safety solutions, supported by government initiatives and investments in smart city projects. The growing awareness about road safety and the implementation of stringent safety regulations further drive market growth in Asia Pacific.

Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR attributed to the region's well-established road infrastructure, high investment in advanced safety technologies, and stringent regulatory standards contribute to its dominant position. The presence of major automotive manufacturers and technology providers in North America drives the adoption of innovative road safety solutions. Additionally, government initiatives aimed at reducing road accidents and fatalities, such as the Vision Zero program, further support market growth.

Key players in the market

Some of the key players in Road Safety market include American Traffic Solutions, Conduent, Cubic Corporation, Dahua Technology, FLIR Services, Inc., Jenoptik, Motorola Solutions, Siemens, Vitronic, Sensys Gatso Group AB, Kapsch TraficCom, Teledyne FLIR, Redflex Holdings, Verra Mobility, Saferoad Group and Silicon Labs.

Key Developments:

In February 2025, Siemens and DOMO Chemicals join forces to drive sustainability in the electrical industry. DOMO chemicals has successfully developed validated a new high performance TECHNYL® 4EARTH® polyamide 6 (PA6).

In February 2025, Conduent Incorporated launched Conni, an innovative GenAI virtual assistant developed as part of the company's AI initiative. Conni is designed to enhance the quality of results and improve customer experience across Conduent platforms for companies and government agencies.

In January 2025, Teledyne FLIR OEM, announced the release of Prism™ Supervisor, the latest addition to its Prism embedded software ecosystem. Prism Supervisor integrates drone autopilot flight control systems with real-time.

+357 96 030922
info@marketpublishers.com

Components Covered:

- Active Safety Systems
- Passive Safety Systems
- Road Safety Equipment
- Other Components

Technologies Covered:

- Autonomous & Semi-Autonomous Vehicles
- Sensor Technology
- Telematics & IoT
- Other Technologies

Applications Covered:

- Vehicle Safety
- Infrastructure Safety
- Personal Protective Equipment
- Traffic Control
- Other Applications

End Users Covered:

- Automobile Manufacturers

+357 96 030922
info@marketpublishers.com

- Government & Municipalities
- Transportation & Logistics
- Other End Users

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK
  - Italy
  - France
  - Spain
  - Rest of Europe
- Asia Pacific
  - Japan
  - China
  - India

+357 96 030922
info@marketpublishers.com

- Australia
- New Zealand
- South Korea
- Rest of Asia Pacific

South America

- Argentina
- Brazil
- Chile
- Rest of South America

Middle East & Africa

- Saudi Arabia
- UAE
- Qatar
- South Africa
- Rest of Middle East & Africa

What our report offers:
- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2022, 2023, 2024, 2026, and 2030
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market

+357 96 030922
info@marketpublishers.com

estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

10 KEY DEVELOPMENTS

11 COMPANY PROFILING

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Road Safety Market Forecasts to 2030 – Global Analysis By Component (Active Safety Systems, Passive Safety Systems, Road Safety Equipment and Other Components), Technology, Application, End User and By Geography

Product link: https://marketpublishers.com/r/RADF027D0B93EN.html

Price: US$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/RADF027D0B93EN.html