

Global Road Safety Market -By Solutions (Red light enforcement, Speed enforcement, Incident detection & communication system, Bus lane compliance, Automatic license plate recognition, & Others); By Services (Professional services, Managed services); By Technology(Radar & Sensor-based devices, Analytics, and Surveillance); By Regions (Americas, EMEA, and, APAC) Drivers, Opportunities, Restraints, Trends, and Forecast to 2024

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Abstracts

Road Safety Market: Global Drivers, Restraints, Opportunities, Trends, and Forecast up to 2024

Overview:

Road safety can be defined as a measure taken to prevent incidents on the road that could elevate the danger for road users as well as critical infrastructure along the way. Thus, technologies that enhance road safety are crucial for government bodies, taking into consideration the “cost-of-loss” resulting from the loss of life and/or infrastructural damages. Additionally, the time lost to traffic congestions due to such incidents further aggravates the concerns for civil authorities and road users alike.

Strict rules & regulations have been implemented across various cities to ensure smooth flow of traffic. Consequently, various technology vendors have been able to leverage their capabilities to enhance road safety by implementing technologies such as real-time traffic monitoring with sensors to detect speed violations, in-vehicle driver

assistance, and incident detection systems in case of emergency/road accidents.

The availability of innovative technologies, including driver assistance, V2V communication, incident detection and response, and automatic number plate recognition systems, has bolstered the overall road safety ingenuities across smart city initiatives shaping up globally; thus, resulting in a huge window of opportunity for the key players in the market.

Market Analysis:

According to Infoholic Research, the global road safety market revenue is expected to reach \$7.01 billion by 2024, growing at a CAGR of around 17.16% during the forecast period. The market is experiencing growth due to the increasing mobility and rise in the number of vehicles on the road. In addition, the construction of safer roads, development of infrastructure for the safety of pedestrians & cyclists, and the adoption of safer riding measures will further reduce injuries and contribute to the safety among the population.

Market Segmentation Analysis:

The report provides insights about major technology trends, supporting solutions & services, and application areas that govern road safety globally. The evaluation is backed with quantitative and qualitative analysis, historical data, and other supportable projections about the market size. The projections featured in the report have been derived using proven research methodologies and assumptions based on vendor assessments from annual reports, whitepapers, press releases, and investor presentations along with end-user analysis for case studies. Thus, the research report serves every side of the market and is segmented based on regional markets, types, applications, and end-users.

Regional Analysis

The Americas is expected to dominate the market, with US and Canada being the forefront adopters of technologies with better test facilities and rapid implementations backed with sufficient funding to implement infrastructural projects quickly compared to other regions. The EMEA region is next to the Americas with the presence of a large number of equipment manufacturers and solution providers.

The countries covered in the report are Canada, Mexico, UK, France, US, Germany, India, China, and Japan. Among these, Japan, US, and China are expected to grow at a high rate during the forecast period owing to an increase in the penetration rate of connected devices and growing adoption of cloud computing.

Competitive Analysis:

The report contains an in-depth analysis of the vendor profiles, which include financial health, business units, key business priorities, SWOT, strategies, and views; and competitive landscape. The key players operating in the road safety market include Motorola Solutions, American Traffic Solutions, Rad Data Communication, Jenoptik, Kapsch AG, Swarco AG, Redflex, Thales, Tyco, Alcatel-Lucent, and Siemens AG. The vendors have been identified based on the portfolio, geographical presence, marketing & distribution channels, revenue generation, and significant investments in R&D.

The report covers and analyzes the global road safety market. Various strategies such as joint ventures, partnerships, collaborations, and contracts have been considered. In addition, partnerships are expected to increase as customers are in search of better solutions. It is likely that the number of mergers, acquisitions, and strategic partnerships will increase as well during the forecast period.

The report includes complete insights of the industry and aims to provide an opportunity for the emerging and established players to understand the market trends, current scenario, initiatives taken by the government, and the latest technologies related to the market. In addition, it helps the venture capitalists in understanding the companies better and take informed decisions.

Benefits

The report provides an in-depth analysis of the global road safety market with an aim to reduce time to market for products and services, reduce operational cost, improve accuracy, and operational performance. The report covers types, applications, and regions. Further, the report provides details about the major challenges impacting the market growth.

Contents

1 INDUSTRY OUTLOOK

- 1.1 Industry Overview
- 1.2 Industry Trends

2 REPORT OUTLINE

- 2.1 Report Scope
- 2.2 Report Summary
- 2.3 Research Methodology
- 2.4 Report Assumptions

3 MARKET SNAPSHOT

- 3.1 Total Addressable Market (TAM)
- 3.2 Segmented Addressable Market (SAM)
- 3.3 Related Markets
- 3.4 New technology improves road safety

4 MARKET OUTLOOK

- 4.1 Overview
- 4.2 Regulatory Bodies & Standards
- 4.3 Government Spending and Initiatives

5 ROAD SAFETY MARKET WITHIN THE VEHICLE

- 5.1 Overview

6 ROAD SAFETY MARKET OEMS PROVIDER

- 6.1 Overview

7 ROAD SAFETY MARKET: GOVERNMENT ROLE

- 7.1 Overview
- 7.2 Porter 5 (Five) Forces

8 MARKET CHARACTERISTICS

8.1 Ecosystem

8.2 Market Segmentation

8.3 Market Dynamics

8.3.1 Drivers

8.3.1.1 Increasing mobility and associated demand for transportation systems

8.3.1.2 Increase in urbanization

8.3.1.3 Increase in road accidents/fatality rate

8.3.2 Restraints

8.3.2.1 Insufficient government funding in decentralized areas

8.3.2.2 Barrier to implement advanced road safety infrastructure

8.3.2.3 over growing population of road users

8.3.3 Opportunities

8.3.3.1 Smart city initiatives

8.3.3.2 Introduction of SOSmart car accident service

8.3.3.3 Growth in usage based car insurance

8.3.4 DRO – Impact Analysis

9 TRENDS, ROADMAP AND PROJECTS

9.1 Market Trends & Impact

10 SOLUTIONS: MARKET SIZE & ANALYSIS

10.1 Overview

10.1.1 Market Size and Analysis

10.2 RED LIGHT ENFORCEMENT

10.3 SPEED ENFORCEMENT

10.4 Incident Detection & communication System

10.5 BUS LANE COMPLIANCE

10.6 Automatic License Plate Recognition

10.7 Others (Stop Sign Enforcement, Parking, Congestion Charges etc)

11 SERVICES: MARKET SIZE & ANALYSIS

11.1 Overview

11.1.1 Market Size and Analysis

11.2 PROFESSIONAL SERVICES

11.3 MANAGED SERVICES

12 TECHNOLOGY: MARKET SIZE & ANALYSIS

12.1 Overview

12.1.1 Market Size and Analysis

12.2 RADAR AND SENSOR-BASED DEVICES

12.3 ANALYTICS

12.4 SURVEILLANCE

13 REGIONS: MARKET SIZE & ANALYSIS

13.1 Overview

13.1.1 Market Size and Analysis

13.2 Americas

13.3 EMEA

13.4 APAC

13.5 Vendor Profiles

13.5.1 Flir Systems

13.5.1.1 Overview

13.5.1.2 Business unit

13.5.1.3 Geographic revenue

13.5.1.4 Business focus

13.5.1.5 SWOT analysis

13.5.1.6 Business strategies

13.5.2 Siemens AG

13.5.2.1 Overview

13.5.2.2 Business unit

13.5.2.3 Geographic revenue

13.5.2.4 Business focus

13.5.2.5 SWOT analysis

13.5.2.6 Business strategies

13.5.3 Kapsch AG

13.5.3.1 Overview

13.5.3.2 Business unit

13.5.3.3 Geographic revenue

13.5.3.4 Business focus

13.5.3.5 SWOT analysis

- 13.5.3.6 Business strategies
- 13.5.4 Thales
 - 13.5.4.1 Overview
 - 13.5.4.2 Business unit
 - 13.5.4.3 Geographic revenue
 - 13.5.4.4 Business focus
 - 13.5.4.5 SWOT analysis
 - 13.5.4.6 Business strategies
- 13.5.5 Motorola Solutions
 - 13.5.5.1 Overview
 - 13.5.5.2 Business unit
 - 13.5.5.3 Geographic revenue
 - 13.5.5.4 Business focus
 - 13.5.5.5 SWOT analysis
 - 13.5.5.6 Business strategies
- 13.5.6 3M
 - 13.5.6.1 Overview
 - 13.5.6.2 Business unit
 - 13.5.6.3 Geographic revenue
 - 13.5.6.4 Business focus
 - 13.5.6.5 SWOT analysis
 - 13.5.6.6 Business strategies

14 GLOBAL GENERALIST

- 14.1 Information Engineering Group, Inc.
 - 14.1.1 Overview
- 14.2 Rad Data Communication
 - 14.2.1 Overview
- 14.3 Tyco traffic & transportation
 - 14.3.1 Overview
- 14.4 Alcatel Lucent
 - 14.4.1 Overview
- 14.5 Huawei
 - 14.5.1 Overview
- 14.6 ArcelorMittal
 - 14.6.1 Overview
- 14.7 Redflex Holdings Limited
 - 14.7.1 Overview

14.8 American Traffic Solutions

14.8.1 Overview

14.9 Sensys Gatso Group AB.

14.9.1 Overview

15 COMPANIES TO WATCH FOR

15.1 Elsys Intelligent Devices

15.1.1 Overview

15.2 Light metrics

15.2.1 Overview

15.3 Safe drive Systems

15.3.1 Overview

16 COMPETITIVE LANDSCAPE

16.1 Competitor Comparison Analysis

Annexure

? Acronyms

Tables

Table 1 ROAD SAFETY MARKET REVENUE BY SOLUTION, 2017-2024 (\$BILLION)

Table 2 ROAD SAFETY MARKET REVENUE BY SERVICE, 2017-2024 (\$BILLION)

Table 3 ROAD SAFETY MARKET REVENUE BY TECHNOLOGY, 2017-2024 (\$BILLION)

Table 4 ROAD SAFETY MARKET REVENUE BY REGION, 2017-2024 (\$BILLION)

Charts

Chart 2 RESEARCH METHODOLOGY

Chart 3 TRANSPORT MANAGEMENT SYSTEM MARKET REVENUE, 2017-2024 (\$BILLION)

Chart 4 ROAD SAFETY MARKET REVENUE, 2017-2024 (\$BILLION)

Chart 5 TECHNOLOGICAL SOLUTIONS – MODEL & ARCHITECTURE

Chart 6 PORTERS 5 FORCES ON ROAD SAFETY MARKET

Chart 7 ECOSYSTEM OF ROAD SAFETY MARKET

Chart 8 ROAD SAFETY MARKET SEGMENTATION

Chart 9 MARKET DYNAMICS – DRIVERS, RESTRAINTS & OPPORTUNITIES

Chart 10 DRO - IMPACT ANALYSIS OF ROAD SAFETY MARKET

Chart 11 ROAD SAFETY MARKET SHARE BY SOLUTION, 2017 AND 2024

Chart 12 ROAD SAFETY MARKET REVENUE BY SOLUTION, 2017-2024 (\$BILLION)

Chart 13 ROAD SAFETY MARKET REVENUE BY RED LIGHT ENFORCEMENT, 2017-2024 (\$BILLION)

Chart 14 ROAD SAFETY MARKET REVENUE BY SPEED LIGHT ENFORCEMENT, 2017-2024 (\$BILLION)

Chart 15 ROAD SAFETY MARKET REVENUE BY INCIDENT DETECTION & COMMUNICATION SYSTEM, 2017-2024 (\$BILLION)

Chart 16 ROAD SAFETY MARKET REVENUE BY BUS LANE COMPLIANCE, 2017-2024 (\$BILLION)

Chart 17 ROAD SAFETY MARKET REVENUE BY AUTOMATIC LICENSE PLATE RECOGNITION, 2017-2024 (\$BILLION)

Chart 18 ROAD SAFETY MARKET REVENUE BY OTHERS, 2017-2024 (\$BILLION)

Chart 19 ROAD SAFETY MARKET SHARE BY SERVICE, 2017 AND 2024

Chart 20 ROAD SAFETY MARKET REVENUE BY SERVICE, 2017-2024 (\$BILLION)

Chart 21 ROAD SAFETY MARKET REVENUE BY PROFESSIONAL SERVICES, 2017-2024

Chart 22 ROAD SAFETY MARKET REVENUE BY MANAGED SERVICES, 2017-2024

Chart 23 ROAD SAFETY MARKET SHARE BY TECHNOLOGY, 2017 AND 2024

Chart 24 ROAD SAFETY MARKET REVENUE BY TECHNOLOGY, 2017-2024 (\$BILLION)

Chart 25 ROAD SAFETY MARKET REVENUE BY RADAR & SENSOR BASED DEVICES, 2017-2024 (\$BILLION)

Chart 26 ROAD SAFETY MARKET REVENUE BY ANALYTICS, 2017-2024 (\$BILLION)

Chart 27 ROAD SAFETY MARKET REVENUE BY SURVILLIGENCE, 2017-2024 (\$BILLION)

Chart 28 ROAD SAFETY MARKET SHARE BY REGIONS, 2017 AND 2024

Chart 29 ROAD SAFETY MARKET REVENUE BY REGIONS, 2017-2024 (\$BILLION)

Chart 30 ROAD SAFETY MARKET REVENUE BY AMERICAS, 2017-2024 (\$BILLION)

Chart 31 ROAD SAFETY MARKET REVENUE BY EMEA, 2017-2024 (\$BILLION)

Chart 32 ROAD SAFETY MARKET REVENUE BY APAC, 2017-2024 (\$BILLION)

Chart 33 GE HEALTHCARE: OVERVIEW SNAPSHOT

Chart 34 GE: BUSINESS UNITS

Chart 35 GE: GEOGRAPHIC REVENUE

Chart 36 GE: SWOT ANALYSIS

Chart 37 GE HEALTHCARE: OVERVIEW SNAPSHOT

Chart 38 GE: BUSINESS UNITS

Chart 39 GE: GEOGRAPHIC REVENUE

Chart 40 GE: SWOT ANALYSIS

Chart 41 GE HEALTHCARE: OVERVIEW SNAPSHOT

Chart 42 GE: BUSINESS UNITS
Chart 43 GE: GEOGRAPHIC REVENUE
Chart 44 GE: SWOT ANALYSIS
Chart 45 GE HEALTHCARE: OVERVIEW SNAPSHOT
Chart 46 GE: BUSINESS UNITS
Chart 47 GE: GEOGRAPHIC REVENUE
Chart 48 GE: SWOT ANALYSIS
Chart 49 GE HEALTHCARE: OVERVIEW SNAPSHOT
Chart 50 GE: BUSINESS UNITS
Chart 51 GE: GEOGRAPHIC REVENUE
Chart 52 GE: SWOT ANALYSIS
Chart 53 GE HEALTHCARE: OVERVIEW SNAPSHOT
Chart 54 GE: BUSINESS UNITS
Chart 55 GE: GEOGRAPHIC REVENUE
Chart 56 GE: SWOT ANALYSIS
Chart 57 ELYSYS INTELLIGENT DEVICES: OVERVIEW SNAPSHOT
Chart 58 LIGHT METRICS: OVERVIEW SNAPSHOT

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