

# Traction Control System Market by Type (Mechanical Linkage, Electrical Linkage), Component (Hydraulic Modulators, ECU, Sensors, and Others), Vehicle Type (ICE Vehicles, Electric Vehicles), Distribution Channel (OEM, Aftermarket), and Region 2024-2032

<https://marketpublishers.com/r/T9DDEB5A5174EN.html>

Date: January 2024

Pages: 142

Price: US\$ 3,899.00 (Single User License)

ID: T9DDEB5A5174EN

## Abstracts

The global traction control system market size reached US\$ 39.1 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 62.9 Billion by 2032, exhibiting a growth rate (CAGR) of 5.26% during 2024-2032. The rising expenditure capacities of consumers, the increasing demand for safety features in vehicles, and extensive research and development (R&D) activities represent some of the key factors driving the market.

Traction control system (TCS) refers to an advanced active braking system that helps to maintain the grip of vehicle tires on slippery surfaces and curves to avoid tire slip when accelerating or de-accelerating. It consists of a hydraulic modulator, wheel speed sensors, engine throttle position sensors, stop light sensors, and an electronic control unit (ECU). TCS is designed to provide assistance to drivers in controlling their vehicles by preventing accidents, skidding, improving driving stability, and enhancing road grip, especially on slippery surfaces. It helps to enhance safety and stability in extreme weather conditions, such as rain, snow, and on the surface that provides a lesser amount of grip. As a result, TCS is extensively used in internal combustion engines (ICEs) and electric vehicles (EVs).

Traction Control System Market Trends:

The increasing demand for safety features in vehicles across the globe is one of the key factors driving the market growth. TCS regulates wheel spin and maintains optimal traction, ensuring smooth turns around corners. In line with this, the rising demand for

passenger and commercial vehicles is favoring the market growth. TCS is widely adopted as it enhances the vehicle's performance, stability, and safety and offers safety on slippery surfaces by reducing the likelihood of skidding or spinning and improving traction. Apart from this, the introduction of TCS with advanced sensors that helps monitor and control the traction of the vehicle in real-time is providing an impetus to the market growth. Moreover, manufacturers are focusing on the launch of wireless accelerometers in TCS systems that are easy to install, improve reliability, reduce weight and complexity, and help to process data quickly, which, in turn, aids in making more accurate decisions and enhancing the performance and capabilities of the TCS system. This is acting as another growth inducing factor. Additionally, the widespread adoption of TCS systems in high-end and luxurious vehicles, as it enhances the vehicle's handling and responsiveness and reduces the risk of accidents, is positively influencing the market growth. Other factors, including the rising expenditure capacities of consumers, widespread adoption of electric vehicles due to the growing environmental consciousness, increasing awareness about the benefits of TCS systems among consumers, and the implementation of various government initiatives to enhance safety features in vehicles and prevent road accidents, are creating a positive outlook for the market.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global traction control system market, along with forecasts at the global, regional, and country levels from 2024-2032. Our report has categorized the market based on type, component, vehicle type, and distribution channel.

#### Type Insights:

Mechanical Linkage

Electrical Linkage

The report has provided a detailed breakup and analysis of the traction control system market based on the type. This includes mechanical and electrical linkage. According to the report, electrical linkage represented the largest segment.

#### Component Insights:

Hydraulic Modulators

ECU

Sensors

## Others

A detailed breakup and analysis of the traction control system market based on the component has also been provided in the report. This includes hydraulic modulators, ECU, sensors, and others. According to the report, ECU accounted for the largest market share.

## Vehicle Type Insights:

ICE Vehicles

Electric Vehicles

The report has provided a detailed breakup and analysis of the traction control system market based on the vehicle type. This includes ICE and electric vehicles. According to the report, ICE vehicles represented the largest segment.

## Distribution Channel Insights:

OEM

Aftermarket

The report has provided a detailed breakup and analysis of the traction control system market based on the distribution channel. This includes OEM and aftermarket. According to the report, OEM represented the largest segment.

## Regional Insights:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific was the largest market for traction control system. Some of the factors driving the Asia Pacific traction control system market included the increasing demand for safety features in vehicles, growing demand for passenger and commercial vehicles, and extensive technological advancements.

#### Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global traction control system market. Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. Some of the companies covered include Advics Co. Ltd. (AISIN CORPORATION), Continental AG, Denso Corporation, Hyundai Motor Group, Mahle GmbH, Robert Bosch GmbH, ZF Friedrichshafen AG, etc.

#### Key Questions Answered in This Report:

How has the global traction control system market performed so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global traction control system market?

What is the impact of each driver, restraint, and opportunity on the global traction

control system market?

What are the key regional markets?

Which countries represent the most attractive traction control system market?

What is the breakup of the market based on the type?

Which is the most attractive type in the traction control system market?

What is the breakup of the market based on the component?

Which is the most attractive component in the traction control system market?

What is the breakup of the market based on the vehicle type?

Which is the most attractive vehicle type in the traction control system market?

What is the breakup of the market based on distribution channel?

Which is the most attractive distribution channel the traction control system market?

What is the competitive structure of the global traction control system market?

Who are the key players/companies in the global traction control system market?

## Contents

### 1 PREFACE

### 2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### 3 EXECUTIVE SUMMARY

### 4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

### 5 GLOBAL TRACTION CONTROL SYSTEM MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### 6 MARKET BREAKUP BY TYPE

- 6.1 Mechanical Linkage
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Electrical Linkage
  - 6.2.1 Market Trends

6.2.2 Market Forecast

## **7 MARKET BREAKUP BY COMPONENT**

7.1 Hydraulic Modulators

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 ECU

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Sensors

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Others

7.4.1 Market Trends

7.4.2 Market Forecast

## **8 MARKET BREAKUP BY VEHICLE TYPE**

8.1 ICE Vehicles

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Electric Vehicles

8.2.1 Market Trends

8.2.2 Market Forecast

## **9 MARKET BREAKUP BY DISTRIBUTION CHANNEL**

9.1 OEM

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Aftermarket

9.2.1 Market Trends

9.2.2 Market Forecast

## **10 MARKET BREAKUP BY REGION**

10.1 North America

10.1.1 United States

- 10.1.1.1 Market Trends
- 10.1.1.2 Market Forecast
- 10.1.2 Canada
  - 10.1.2.1 Market Trends
  - 10.1.2.2 Market Forecast
- 10.2 Asia-Pacific
  - 10.2.1 China
    - 10.2.1.1 Market Trends
    - 10.2.1.2 Market Forecast
  - 10.2.2 Japan
    - 10.2.2.1 Market Trends
    - 10.2.2.2 Market Forecast
  - 10.2.3 India
    - 10.2.3.1 Market Trends
    - 10.2.3.2 Market Forecast
  - 10.2.4 South Korea
    - 10.2.4.1 Market Trends
    - 10.2.4.2 Market Forecast
  - 10.2.5 Australia
    - 10.2.5.1 Market Trends
    - 10.2.5.2 Market Forecast
  - 10.2.6 Indonesia
    - 10.2.6.1 Market Trends
    - 10.2.6.2 Market Forecast
  - 10.2.7 Others
    - 10.2.7.1 Market Trends
    - 10.2.7.2 Market Forecast
- 10.3 Europe
  - 10.3.1 Germany
    - 10.3.1.1 Market Trends
    - 10.3.1.2 Market Forecast
  - 10.3.2 France
    - 10.3.2.1 Market Trends
    - 10.3.2.2 Market Forecast
  - 10.3.3 United Kingdom
    - 10.3.3.1 Market Trends
    - 10.3.3.2 Market Forecast
  - 10.3.4 Italy
    - 10.3.4.1 Market Trends



- 10.3.4.2 Market Forecast
- 10.3.5 Spain
  - 10.3.5.1 Market Trends
  - 10.3.5.2 Market Forecast
- 10.3.6 Russia
  - 10.3.6.1 Market Trends
  - 10.3.6.2 Market Forecast
- 10.3.7 Others
  - 10.3.7.1 Market Trends
  - 10.3.7.2 Market Forecast
- 10.4 Latin America
  - 10.4.1 Brazil
    - 10.4.1.1 Market Trends
    - 10.4.1.2 Market Forecast
  - 10.4.2 Mexico
    - 10.4.2.1 Market Trends
    - 10.4.2.2 Market Forecast
  - 10.4.3 Others
    - 10.4.3.1 Market Trends
    - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
  - 10.5.1 Market Trends
  - 10.5.2 Market Breakup by Country
  - 10.5.3 Market Forecast

## **11 DRIVERS, RESTRAINTS, AND OPPORTUNITIES**

- 11.1 Overview
- 11.2 Drivers
- 11.3 Restraints
- 11.4 Opportunities

## **12 VALUE CHAIN ANALYSIS**

## **13 PORTERS FIVE FORCES ANALYSIS**

- 13.1 Overview
- 13.2 Bargaining Power of Buyers

- 13.3 Bargaining Power of Suppliers
- 13.4 Degree of Competition
- 13.5 Threat of New Entrants
- 13.6 Threat of Substitutes

## **14 PRICE ANALYSIS**

## **15 COMPETITIVE LANDSCAPE**

- 15.1 Market Structure
- 15.2 Key Players
- 15.3 Profiles of Key Players
  - 15.3.1 Advics Co. Ltd. (AISIN CORPORATION)
    - 15.3.1.1 Company Overview
    - 15.3.1.2 Product Portfolio
  - 15.3.2 Continental AG
    - 15.3.2.1 Company Overview
    - 15.3.2.2 Product Portfolio
    - 15.3.2.3 Financials
    - 15.3.2.4 SWOT Analysis
  - 15.3.3 Denso Corporation
    - 15.3.3.1 Company Overview
    - 15.3.3.2 Product Portfolio
    - 15.3.3.3 Financials
    - 15.3.3.4 SWOT Analysis
  - 15.3.4 Hyundai Motor Group
    - 15.3.4.1 Company Overview
    - 15.3.4.2 Product Portfolio
  - 15.3.5 Mahle Gmbh
    - 15.3.5.1 Company Overview
    - 15.3.5.2 Product Portfolio
    - 15.3.5.3 SWOT Analysis
  - 15.3.6 Robert Bosch GmbH
    - 15.3.6.1 Company Overview
    - 15.3.6.2 Product Portfolio
  - 15.3.7 ZF Friedrichshafen AG
    - 15.3.7.1 Company Overview
    - 15.3.7.2 Product Portfolio

### 15.3.7.3 SWOT Analysis

## List Of Tables

### LIST OF TABLES

Table 1: Global: Traction Control System Market: Key Industry Highlights, 2023 & 2032

Table 2: Global: Traction Control System Market Forecast: Breakup by Type (in Million US\$), 2024-2032

Table 3: Global: Traction Control System Market Forecast: Breakup by Component (in Million US\$), 2024-2032

Table 4: Global: Traction Control System Market Forecast: Breakup by Vehicle Type (in Million US\$), 2024-2032

Table 5: Global: Traction Control System Market Forecast: Breakup by Distribution Channel (in Million US\$), 2024-2032

Table 6: Global: Traction Control System Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 7: Global: Traction Control System Market: Competitive Structure

Table 8: Global: Traction Control System Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Traction Control System Market: Major Drivers and Challenges

Figure 2: Global: Traction Control System Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Traction Control System Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Traction Control System Market: Breakup by Type (in %), 2023

Figure 5: Global: Traction Control System Market: Breakup by Component (in %), 2023

Figure 6: Global: Traction Control System Market: Breakup by Vehicle Type (in %), 2023

Figure 7: Global: Traction Control System Market: Breakup by Distribution Channel (in %), 2023

Figure 8: Global: Traction Control System Market: Breakup by Region (in %), 2023

Figure 9: Global: Traction Control System (Mechanical Linkage) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 10: Global: Traction Control System (Mechanical Linkage) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 11: Global: Traction Control System (Electrical Linkage) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 12: Global: Traction Control System (Electrical Linkage) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 13: Global: Traction Control System (Hydraulic Modulators) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 14: Global: Traction Control System (Hydraulic Modulators) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 15: Global: Traction Control System (ECU) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 16: Global: Traction Control System (ECU) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 17: Global: Traction Control System (Sensors) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 18: Global: Traction Control System (Sensors) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 19: Global: Traction Control System (Other Components) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 20: Global: Traction Control System (Other Components) Market Forecast: Sales

Value (in Million US\$), 2024-2032

Figure 21: Global: Traction Control System (ICE Vehicles) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Global: Traction Control System (ICE Vehicles) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 23: Global: Traction Control System (Electric Vehicles) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: Global: Traction Control System (Electric Vehicles) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: Traction Control System (OEM) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: Traction Control System (OEM) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: Global: Traction Control System (Aftermarket) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: Traction Control System (Aftermarket) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: North America: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: North America: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: United States: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: United States: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: Canada: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: Canada: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: Asia-Pacific: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: Asia-Pacific: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: China: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: China: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: Japan: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: Japan: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: India: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: India: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: South Korea: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: South Korea: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: Australia: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: Australia: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: Indonesia: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: Indonesia: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: Others: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: Others: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: Europe: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: Europe: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: Germany: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: Germany: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: France: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: France: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: United Kingdom: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: United Kingdom: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 59: Italy: Traction Control System Market: Sales Value (in Million US\$), 2018 &

2023

Figure 60: Italy: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 61: Spain: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 62: Spain: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 63: Russia: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 64: Russia: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 65: Others: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 66: Others: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 67: Latin America: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 68: Latin America: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 69: Brazil: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 70: Brazil: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 71: Mexico: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 72: Mexico: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 73: Others: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 74: Others: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 75: Middle East and Africa: Traction Control System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 76: Middle East and Africa: Traction Control System Market: Breakup by Country (in %), 2023

Figure 77: Middle East and Africa: Traction Control System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 78: Global: Traction Control System Industry: Drivers, Restraints, and Opportunities



Figure 79: Global: Traction Control System Industry: Value Chain Analysis

Figure 80: Global: Traction Control System Industry: Porter's Five Forces Analysis

## I would like to order

Product name: Traction Control System Market by Type (Mechanical Linkage, Electrical Linkage), Component (Hydraulic Modulators, ECU, Sensors, and Others), Vehicle Type (ICE Vehicles, Electric Vehicles), Distribution Channel (OEM, Aftermarket), and Region 2024-2032

Product link: <https://marketpublishers.com/r/T9DDEB5A5174EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/T9DDEB5A5174EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970