

# Automotive System Simulation Software Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/A6052D22BB30EN.html>

Date: May 2022

Pages: 69

Price: US\$ 3,250.00 (Single User License)

ID: A6052D22BB30EN

## Abstracts

This report contains market size and forecasts of Automotive System Simulation Software in Global, including the following market information:

Global Automotive System Simulation Software Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Automotive System Simulation Software market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Transmission System Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Automotive System Simulation Software include Modelon AB, IPG Automotive GmbH, ESI Group, Ansys, Inc., Realtime Technologies, Hexagon AB, SimScale GmbH, Gamma Technologies, LLC and Siemens AG and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Automotive System Simulation Software companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends,

drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Automotive System Simulation Software Market, by Type, 2017-2022,  
2023-2028 (\$ millions)

Global Automotive System Simulation Software Market Segment Percentages, by Type,  
2021 (%)

Transmission System

Engine System

Electric Propulsion System

Fuel Cell System

Driveline System

Chassis System

Others

Global Automotive System Simulation Software Market, by Application, 2017-2022,  
2023-2028 (\$ millions)

Global Automotive System Simulation Software Market Segment Percentages, by  
Application, 2021 (%)

Passenger Car

Commercial Vehicle

Global Automotive System Simulation Software Market, By Region and Country,  
2017-2022, 2023-2028 (\$ Millions)

## Global Automotive System Simulation Software Market Segment Percentages, By Region and Country, 2021 (%)

### North America

US

Canada

Mexico

### Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

### Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Automotive System Simulation Software revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Automotive System Simulation Software revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Modelon AB

IPG Automotive GmbH

ESI Group

Ansys, Inc.

Realtime Technologies

Hexagon AB

SimScale GmbH

Gamma Technologies, LLC

Siemens AG

dSPACE GmbH

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Automotive System Simulation Software Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Automotive System Simulation Software Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL AUTOMOTIVE SYSTEM SIMULATION SOFTWARE OVERALL MARKET SIZE**

- 2.1 Global Automotive System Simulation Software Market Size: 2021 VS 2028
- 2.2 Global Automotive System Simulation Software Market Size, Prospects & Forecasts: 2017-2028
- 2.3 Key Market Trends, Opportunity, Drivers and Restraints
  - 2.3.1 Market Opportunities & Trends
  - 2.3.2 Market Drivers
  - 2.3.3 Market Restraints

### **3 COMPANY LANDSCAPE**

- 3.1 Top Automotive System Simulation Software Players in Global Market
- 3.2 Top Global Automotive System Simulation Software Companies Ranked by Revenue
- 3.3 Global Automotive System Simulation Software Revenue by Companies
- 3.4 Top 3 and Top 5 Automotive System Simulation Software Companies in Global Market, by Revenue in 2021
- 3.5 Global Companies Automotive System Simulation Software Product Type
- 3.6 Tier 1, Tier 2 and Tier 3 Automotive System Simulation Software Players in Global Market
  - 3.6.1 List of Global Tier 1 Automotive System Simulation Software Companies

### 3.6.2 List of Global Tier 2 and Tier 3 Automotive System Simulation Software Companies

## 4 MARKET SIGHTS BY PRODUCT

### 4.1 Overview

4.1.1 by Type - Global Automotive System Simulation Software Market Size Markets, 2021 & 2028

4.1.2 Transmission System

4.1.3 Engine System

4.1.4 Electric Propulsion System

4.1.5 Fuel Cell System

4.1.6 Driveline System

4.1.7 Chassis System

4.1.8 Others

4.2 By Type - Global Automotive System Simulation Software Revenue & Forecasts

4.2.1 By Type - Global Automotive System Simulation Software Revenue, 2017-2022

4.2.2 By Type - Global Automotive System Simulation Software Revenue, 2023-2028

4.2.3 By Type - Global Automotive System Simulation Software Revenue Market Share, 2017-2028

## 5 SIGHTS BY APPLICATION

### 5.1 Overview

5.1.1 By Application - Global Automotive System Simulation Software Market Size, 2021 & 2028

5.1.2 Passenger Car

5.1.3 Commercial Vehicle

5.2 By Application - Global Automotive System Simulation Software Revenue & Forecasts

5.2.1 By Application - Global Automotive System Simulation Software Revenue, 2017-2022

5.2.2 By Application - Global Automotive System Simulation Software Revenue, 2023-2028

5.2.3 By Application - Global Automotive System Simulation Software Revenue Market Share, 2017-2028

## 6 SIGHTS BY REGION

6.1 By Region - Global Automotive System Simulation Software Market Size, 2021 & 2028

6.2 By Region - Global Automotive System Simulation Software Revenue & Forecasts

6.2.1 By Region - Global Automotive System Simulation Software Revenue, 2017-2022

6.2.2 By Region - Global Automotive System Simulation Software Revenue, 2023-2028

6.2.3 By Region - Global Automotive System Simulation Software Revenue Market Share, 2017-2028

6.3 North America

6.3.1 By Country - North America Automotive System Simulation Software Revenue, 2017-2028

6.3.2 US Automotive System Simulation Software Market Size, 2017-2028

6.3.3 Canada Automotive System Simulation Software Market Size, 2017-2028

6.3.4 Mexico Automotive System Simulation Software Market Size, 2017-2028

6.4 Europe

6.4.1 By Country - Europe Automotive System Simulation Software Revenue, 2017-2028

6.4.2 Germany Automotive System Simulation Software Market Size, 2017-2028

6.4.3 France Automotive System Simulation Software Market Size, 2017-2028

6.4.4 U.K. Automotive System Simulation Software Market Size, 2017-2028

6.4.5 Italy Automotive System Simulation Software Market Size, 2017-2028

6.4.6 Russia Automotive System Simulation Software Market Size, 2017-2028

6.4.7 Nordic Countries Automotive System Simulation Software Market Size, 2017-2028

6.4.8 Benelux Automotive System Simulation Software Market Size, 2017-2028

6.5 Asia

6.5.1 By Region - Asia Automotive System Simulation Software Revenue, 2017-2028

6.5.2 China Automotive System Simulation Software Market Size, 2017-2028

6.5.3 Japan Automotive System Simulation Software Market Size, 2017-2028

6.5.4 South Korea Automotive System Simulation Software Market Size, 2017-2028

6.5.5 Southeast Asia Automotive System Simulation Software Market Size, 2017-2028

6.5.6 India Automotive System Simulation Software Market Size, 2017-2028

6.6 South America

6.6.1 By Country - South America Automotive System Simulation Software Revenue, 2017-2028

6.6.2 Brazil Automotive System Simulation Software Market Size, 2017-2028

6.6.3 Argentina Automotive System Simulation Software Market Size, 2017-2028

6.7 Middle East & Africa



6.7.1 By Country - Middle East & Africa Automotive System Simulation Software Revenue, 2017-2028

6.7.2 Turkey Automotive System Simulation Software Market Size, 2017-2028

6.7.3 Israel Automotive System Simulation Software Market Size, 2017-2028

6.7.4 Saudi Arabia Automotive System Simulation Software Market Size, 2017-2028

6.7.5 UAE Automotive System Simulation Software Market Size, 2017-2028

## **7 PLAYERS PROFILES**

### 7.1 Modelon AB

7.1.1 Modelon AB Corporate Summary

7.1.2 Modelon AB Business Overview

7.1.3 Modelon AB Automotive System Simulation Software Major Product Offerings

7.1.4 Modelon AB Automotive System Simulation Software Revenue in Global Market (2017-2022)

7.1.5 Modelon AB Key News

### 7.2 IPG Automotive GmbH

7.2.1 IPG Automotive GmbH Corporate Summary

7.2.2 IPG Automotive GmbH Business Overview

7.2.3 IPG Automotive GmbH Automotive System Simulation Software Major Product Offerings

7.2.4 IPG Automotive GmbH Automotive System Simulation Software Revenue in Global Market (2017-2022)

7.2.5 IPG Automotive GmbH Key News

### 7.3 ESI Group

7.3.1 ESI Group Corporate Summary

7.3.2 ESI Group Business Overview

7.3.3 ESI Group Automotive System Simulation Software Major Product Offerings

7.3.4 ESI Group Automotive System Simulation Software Revenue in Global Market (2017-2022)

7.3.5 ESI Group Key News

### 7.4 Ansys, Inc.

7.4.1 Ansys, Inc. Corporate Summary

7.4.2 Ansys, Inc. Business Overview

7.4.3 Ansys, Inc. Automotive System Simulation Software Major Product Offerings

7.4.4 Ansys, Inc. Automotive System Simulation Software Revenue in Global Market (2017-2022)

7.4.5 Ansys, Inc. Key News

### 7.5 Realtime Technologies

- 7.5.1 Realtime Technologies Corporate Summary
- 7.5.2 Realtime Technologies Business Overview
- 7.5.3 Realtime Technologies Automotive System Simulation Software Major Product Offerings
- 7.5.4 Realtime Technologies Automotive System Simulation Software Revenue in Global Market (2017-2022)
- 7.5.5 Realtime Technologies Key News
- 7.6 Hexagon AB
  - 7.6.1 Hexagon AB Corporate Summary
  - 7.6.2 Hexagon AB Business Overview
  - 7.6.3 Hexagon AB Automotive System Simulation Software Major Product Offerings
  - 7.6.4 Hexagon AB Automotive System Simulation Software Revenue in Global Market (2017-2022)
  - 7.6.5 Hexagon AB Key News
- 7.7 SimScale GmbH
  - 7.7.1 SimScale GmbH Corporate Summary
  - 7.7.2 SimScale GmbH Business Overview
  - 7.7.3 SimScale GmbH Automotive System Simulation Software Major Product Offerings
  - 7.7.4 SimScale GmbH Automotive System Simulation Software Revenue in Global Market (2017-2022)
  - 7.7.5 SimScale GmbH Key News
- 7.8 Gamma Technologies, LLC
  - 7.8.1 Gamma Technologies, LLC Corporate Summary
  - 7.8.2 Gamma Technologies, LLC Business Overview
  - 7.8.3 Gamma Technologies, LLC Automotive System Simulation Software Major Product Offerings
  - 7.8.4 Gamma Technologies, LLC Automotive System Simulation Software Revenue in Global Market (2017-2022)
  - 7.8.5 Gamma Technologies, LLC Key News
- 7.9 Siemens AG
  - 7.9.1 Siemens AG Corporate Summary
  - 7.9.2 Siemens AG Business Overview
  - 7.9.3 Siemens AG Automotive System Simulation Software Major Product Offerings
  - 7.9.4 Siemens AG Automotive System Simulation Software Revenue in Global Market (2017-2022)
  - 7.9.5 Siemens AG Key News
- 7.10 dSPACE GmbH
  - 7.10.1 dSPACE GmbH Corporate Summary

7.10.2 dSPACE GmbH Business Overview

7.10.3 dSPACE GmbH Automotive System Simulation Software Major Product

Offerings

7.10.4 dSPACE GmbH Automotive System Simulation Software Revenue in Global Market (2017-2022)

7.10.5 dSPACE GmbH Key News

## **8 CONCLUSION**

## **9 APPENDIX**

9.1 Note

9.2 Examples of Clients

9.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Automotive System Simulation Software Market Opportunities & Trends in Global Market

Table 2. Automotive System Simulation Software Market Drivers in Global Market

Table 3. Automotive System Simulation Software Market Restraints in Global Market

Table 4. Key Players of Automotive System Simulation Software in Global Market

Table 5. Top Automotive System Simulation Software Players in Global Market, Ranking by Revenue (2021)

Table 6. Global Automotive System Simulation Software Revenue by Companies, (US\$, Mn), 2017-2022

Table 7. Global Automotive System Simulation Software Revenue Share by Companies, 2017-2022

Table 8. Global Companies Automotive System Simulation Software Product Type

Table 9. List of Global Tier 1 Automotive System Simulation Software Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Automotive System Simulation Software Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Automotive System Simulation Software Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Automotive System Simulation Software Revenue in Global (US\$, Mn), 2017-2022

Table 13. By Type - Automotive System Simulation Software Revenue in Global (US\$, Mn), 2023-2028

Table 14. By Application – Global Automotive System Simulation Software Revenue, (US\$, Mn), 2021 & 2028

Table 15. By Application - Automotive System Simulation Software Revenue in Global (US\$, Mn), 2017-2022

Table 16. By Application - Automotive System Simulation Software Revenue in Global (US\$, Mn), 2023-2028

Table 17. By Region – Global Automotive System Simulation Software Revenue, (US\$, Mn), 2021 & 2028

Table 18. By Region - Global Automotive System Simulation Software Revenue (US\$, Mn), 2017-2022

Table 19. By Region - Global Automotive System Simulation Software Revenue (US\$, Mn), 2023-2028

Table 20. By Country - North America Automotive System Simulation Software

Revenue, (US\$, Mn), 2017-2022

Table 21. By Country - North America Automotive System Simulation Software

Revenue, (US\$, Mn), 2023-2028

Table 22. By Country - Europe Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2022

Table 23. By Country - Europe Automotive System Simulation Software Revenue, (US\$, Mn), 2023-2028

Table 24. By Region - Asia Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2022

Table 25. By Region - Asia Automotive System Simulation Software Revenue, (US\$, Mn), 2023-2028

Table 26. By Country - South America Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - South America Automotive System Simulation Software Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - Middle East & Africa Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2022

Table 29. By Country - Middle East & Africa Automotive System Simulation Software Revenue, (US\$, Mn), 2023-2028

Table 30. Modelon AB Corporate Summary

Table 31. Modelon AB Automotive System Simulation Software Product Offerings

Table 32. Modelon AB Automotive System Simulation Software Revenue (US\$, Mn), (2017-2022)

Table 33. IPG Automotive GmbH Corporate Summary

Table 34. IPG Automotive GmbH Automotive System Simulation Software Product Offerings

Table 35. IPG Automotive GmbH Automotive System Simulation Software Revenue (US\$, Mn), (2017-2022)

Table 36. ESI Group Corporate Summary

Table 37. ESI Group Automotive System Simulation Software Product Offerings

Table 38. ESI Group Automotive System Simulation Software Revenue (US\$, Mn), (2017-2022)

Table 39. Ansys, Inc. Corporate Summary

Table 40. Ansys, Inc. Automotive System Simulation Software Product Offerings

Table 41. Ansys, Inc. Automotive System Simulation Software Revenue (US\$, Mn), (2017-2022)

Table 42. Realtime Technologies Corporate Summary

Table 43. Realtime Technologies Automotive System Simulation Software Product Offerings

Table 44. Realtime Technologies Automotive System Simulation Software Revenue (US\$, Mn), (2017-2022)

Table 45. Hexagon AB Corporate Summary

Table 46. Hexagon AB Automotive System Simulation Software Product Offerings

Table 47. Hexagon AB Automotive System Simulation Software Revenue (US\$, Mn), (2017-2022)

Table 48. SimScale GmbH Corporate Summary

Table 49. SimScale GmbH Automotive System Simulation Software Product Offerings

Table 50. SimScale GmbH Automotive System Simulation Software Revenue (US\$, Mn), (2017-2022)

Table 51. Gamma Technologies, LLC Corporate Summary

Table 52. Gamma Technologies, LLC Automotive System Simulation Software Product Offerings

Table 53. Gamma Technologies, LLC Automotive System Simulation Software Revenue (US\$, Mn), (2017-2022)

Table 54. Siemens AG Corporate Summary

Table 55. Siemens AG Automotive System Simulation Software Product Offerings

Table 56. Siemens AG Automotive System Simulation Software Revenue (US\$, Mn), (2017-2022)

Table 57. dSPACE GmbH Corporate Summary

Table 58. dSPACE GmbH Automotive System Simulation Software Product Offerings

Table 59. dSPACE GmbH Automotive System Simulation Software Revenue (US\$, Mn), (2017-2022)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Automotive System Simulation Software Segment by Type in 2021
- Figure 2. Automotive System Simulation Software Segment by Application in 2021
- Figure 3. Global Automotive System Simulation Software Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Automotive System Simulation Software Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Automotive System Simulation Software Revenue, 2017-2028 (US\$, Mn)
- Figure 7. The Top 3 and 5 Players Market Share by Automotive System Simulation Software Revenue in 2021
- Figure 8. By Type - Global Automotive System Simulation Software Revenue Market Share, 2017-2028
- Figure 9. By Application - Global Automotive System Simulation Software Revenue Market Share, 2017-2028
- Figure 10. By Region - Global Automotive System Simulation Software Revenue Market Share, 2017-2028
- Figure 11. By Country - North America Automotive System Simulation Software Revenue Market Share, 2017-2028
- Figure 12. US Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028
- Figure 13. Canada Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028
- Figure 14. Mexico Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028
- Figure 15. By Country - Europe Automotive System Simulation Software Revenue Market Share, 2017-2028
- Figure 16. Germany Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028
- Figure 17. France Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028
- Figure 18. U.K. Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028
- Figure 19. Italy Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028
- Figure 20. Russia Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 21. Nordic Countries Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 22. Benelux Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 23. By Region - Asia Automotive System Simulation Software Revenue Market Share, 2017-2028

Figure 24. China Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 25. Japan Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 26. South Korea Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 27. Southeast Asia Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 28. India Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 29. By Country - South America Automotive System Simulation Software Revenue Market Share, 2017-2028

Figure 30. Brazil Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 31. Argentina Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 32. By Country - Middle East & Africa Automotive System Simulation Software Revenue Market Share, 2017-2028

Figure 33. Turkey Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 34. Israel Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 35. Saudi Arabia Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 36. UAE Automotive System Simulation Software Revenue, (US\$, Mn), 2017-2028

Figure 37. Modelon AB Automotive System Simulation Software Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 38. IPG Automotive GmbH Automotive System Simulation Software Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 39. ESI Group Automotive System Simulation Software Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 40. Ansys, Inc. Automotive System Simulation Software Revenue Year Over



Year Growth (US\$, Mn) & (2017-2022)

Figure 41. Realtime Technologies Automotive System Simulation Software Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 42. Hexagon AB Automotive System Simulation Software Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 43. SimScale GmbH Automotive System Simulation Software Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 44. Gamma Technologies, LLC Automotive System Simulation Software Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 45. Siemens AG Automotive System Simulation Software Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 46. dSPACE GmbH Automotive System Simulation Software Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

## I would like to order

Product name: Automotive System Simulation Software Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/A6052D22BB30EN.html>

Price: US\$ 3,250.00 (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/A6052D22BB30EN.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