

# **Global Autonomous Vehicle Vision and Navigation System Market 2020-2030 by Offering, Vehicle Type, Level of Autonomy (L1 - L5), Distribution Channel, and Region: Trend Forecast and Growth Opportunity**

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## **Abstracts**

Global autonomous vehicle vision and navigation system market will reach \$130.91 billion by 2030, growing by 22.5% annually over 2020-2030 owing to technological advancements in deep learning for image processing and government's initiatives for developing autonomous & connected vehicles.

Highlighted with 83 tables and 82 figures, this 179-page report "Global Autonomous Vehicle Vision and Navigation System Market 2020-2030 by Offering, Vehicle Type, Level of Autonomy (L1 - L5), Distribution Channel, and Region: Trend Forecast and Growth Opportunity" is based on a comprehensive research of the entire global autonomous vehicle vision and navigation system market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2017-2019 and provides estimate and forecast from 2020 till 2030 with 2019 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

## Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify global autonomous vehicle vision and navigation system market in every aspect of the classification from perspectives of Offering, Vehicle Type, Level of Autonomy, Distribution Channel, and Region.

Based on Offering, the global market is segmented into the following sub-markets with annual revenue for 2020-2030 included in each section.

## Hardware & Component

Global Positioning System (GPS)

Radio Detection and Ranging (RADAR) Sensors

Inertial Measurement Unit (IMU)

Camera

Ultrasonic Sensor

Light Detection and Ranging Sensors (LiDAR)

Other Components

## Software & Service

Software & Service for Planning

Software & Service for Controlling

Software & Service for Perception

Software & Service for Localization

Based on Vehicle Type, the global market is segmented into the following sub-markets with annual revenue for 2020-2030 included in each section.

Passenger Vehicles

Commercial Vehicles

Based on Level of Autonomy, the global market is segmented into the following sub-markets with annual revenue for 2020-2030 included in each section.

Level 1 (Driver Assistance)

Level 2 (Partial Automation)

Level 3 (Conditional Automation)

Level 4 (High Automation)

Level 5 (Full Automation)

Based on Distribution Channel, the global market is segmented into the following sub-markets with annual revenue for 2020-2030 included in each section.

OEM

Aftermarket

Geographically, the following regions together with the listed national/local markets are fully investigated:

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe; Rest of Europe is further segmented into Netherlands, Switzerland, Turkey, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

North America (U.S., Canada, and Mexico)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (Saudi Arabia, UAE, South Africa)

For each aforementioned region and country, detailed analysis and data for annual revenue are available for 2020-2030. The breakdown of all regional markets by country and split of key national markets by Offering, Vehicle Type, and Level of Autonomy over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Specifically, potential risks associated with investing in global autonomous vehicle vision and navigation system market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders identify emerging opportunities, manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

Key Players (this may not be a complete list and extra companies can be added upon request):

Aptiv

Autoliv Inc.

Bosch

Continental AG

Denso Corporation

Garmin Ltd.

HERE Technologies

IMAGRY

Magna International Inc.

Pioneer Corporation

Robert Bosch GmbH

Sony

TomTom International BV

Valeo Group

Velodyne LiDAR, Inc.

Waymo LLC

ZF Friedrichshafen AG

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

## Contents

### 1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
  - 1.1.1 Industry Definition
  - 1.1.2 Research Scope
- 1.2 Research Methodology
  - 1.2.1 Overview of Market Research Methodology
  - 1.2.2 Market Assumption
  - 1.2.3 Secondary Data
  - 1.2.4 Primary Data
  - 1.2.5 Data Filtration and Model Design
  - 1.2.6 Market Size/Share Estimation
  - 1.2.7 Research Limitations
- 1.3 Executive Summary

### 2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
  - 2.1.1 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

### 3 SEGMENTATION OF GLOBAL MARKET BY OFFERING

- 3.1 Market Overview by Offering
- 3.2 Hardware & Component
  - 3.2.1 Global Positioning System (GPS)
  - 3.2.2 Radio Detection and Ranging (RADAR) Sensors
  - 3.2.3 Inertial Measurement Unit (IMU)
  - 3.2.4 Camera
  - 3.2.5 Ultrasonic Sensor
  - 3.2.6 Light Detection and Ranging Sensors (LiDAR)
  - 3.2.7 Other Components
- 3.3 Software & Service
  - 3.3.1 Software & Service for Planning

- 3.3.2 Software & Service for Controlling
- 3.3.3 Software & Service for Perception
- 3.3.4 Software & Service for Localization

## **4 SEGMENTATION OF GLOBAL MARKET BY VEHICLE TYPE**

- 4.1 Market Overview by Vehicle Type
- 4.2 Passenger Vehicles
- 4.3 Commercial Vehicles

## **5 SEGMENTATION OF GLOBAL MARKET BY LEVEL OF AUTONOMY**

- 5.1 Market Overview by Level of Autonomy
- 5.2 Level 1 (Driver Assistance)
- 5.3 Level 2 (Partial Automation)
- 5.4 Level 3 (Conditional Automation)
- 5.5 Level 4 (High Automation)
- 5.6 Level 5 (Full Automation)

## **6 SEGMENTATION OF GLOBAL MARKET BY DISTRIBUTION CHANNEL**

- 6.1 Market Overview by Distribution Channel
- 6.2 OEM
- 6.3 Aftermarket

## **7 SEGMENTATION OF GLOBAL MARKET BY REGION**

- 7.1 Geographic Market Overview 2020-2030
- 7.2 North America Market 2020-2030 by Country
  - 7.2.1 Overview of North America Market
  - 7.2.2 U.S.
  - 7.2.3 Canada
  - 7.2.4 Mexico
- 7.3 European Market 2020-2030 by Country
  - 7.3.1 Overview of European Market
  - 7.3.2 Germany
  - 7.3.3 U.K.
  - 7.3.4 France
  - 7.3.5 Spain

- 7.3.6 Italy
- 7.3.7 Russia
- 7.3.8 Rest of European Market
- 7.4 Asia-Pacific Market 2020-2030 by Country
  - 7.4.1 Overview of Asia-Pacific Market
  - 7.4.2 Japan
  - 7.4.3 China
  - 7.4.4 Australia
  - 7.4.5 India
  - 7.4.6 South Korea
  - 7.4.7 Rest of APAC Region
- 7.5 South America Market 2020-2030 by Country
  - 7.5.1 Argentina
  - 7.5.2 Brazil
  - 7.5.3 Chile
  - 7.5.4 Rest of South America Market
- 7.6 MEA Market 2020-2030 by Country
  - 7.6.1 UAE
  - 7.6.2 Saudi Arabia
  - 7.6.3 South Africa
  - 7.6.4 Other National Markets

## **8 COMPETITIVE LANDSCAPE**

- 8.1 Overview of Key Vendors
- 8.2 New Product Launch, Partnership, Investment, and M&A
- 8.3 Company Profiles
  - Aptiv
  - Autoliv Inc.
  - Bosch
  - Continental AG
  - Denso Corporation
  - Garmin Ltd.
  - HERE Technologies
  - IMAGRY
  - Magna International Inc.
  - Pioneer Corporation
  - Robert Bosch GmbH
  - Sony



TomTom International BV  
Valeo Group  
Velodyne LiDAR, Inc.  
Waymo LLC  
ZF Friedrichshafen AG

## **9 INVESTING IN GLOBAL MARKET: RISK ASSESSMENT AND MANAGEMENT**

9.1 Risk Evaluation of Global Market  
9.2 Critical Success Factors (CSFs)  
Related Reports and Products

## List Of Tables

### LIST OF TABLES

Table 1. Snapshot of Global Autonomous Vehicle Vision and Navigation System Market in Balanced Perspective, 2020-2030

Table 2. Main Product Trends and Market Opportunities in Global Autonomous Vehicle Vision and Navigation System Market

Table 3. Global Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 4. Global Autonomous Vehicle Vision and Navigation System Market: Hardware & Component by Type, 2020-2030, \$ mn

Table 5. Global Autonomous Vehicle Vision and Navigation System Market: Software & Service by Type, 2020-2030, \$ mn

Table 6. Global Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 7. Global Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 8. Global Autonomous Vehicle Vision and Navigation System Market by Distribution Channel, 2020-2030, \$ mn

Table 9. Global Autonomous Vehicle Vision and Navigation System Market by Region, 2020-2030, \$ mn

Table 10. Leading National Autonomous Vehicle Vision and Navigation System Market, 2020 and 2030, \$ mn

Table 11. North America Autonomous Vehicle Vision and Navigation System Market by Country, 2020-2030, \$ mn

Table 12. U.S. Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 13. U.S. Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 14. U.S. Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 15. Canada Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 16. Canada Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 17. Canada Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 18. Mexico Autonomous Vehicle Vision and Navigation System Market by

Offering, 2020-2030, \$ mn

Table 19. Mexico Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 20. Mexico Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 21. Europe Autonomous Vehicle Vision and Navigation System Market by Country, 2020-2030, \$ mn

Table 22. Germany Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 23. Germany Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 24. Germany Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 25. U.K. Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 26. U.K. Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 27. U.K. Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 28. France Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 29. France Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 30. France Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 31. Spain Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 32. Spain Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 33. Spain Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 34. Italy Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 35. Italy Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 36. Italy Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 37. Russia Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

- Table 38. Russia Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn
- Table 39. Russia Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn
- Table 40. Autonomous Vehicle Vision and Navigation System Market in Rest of Europe by Country, 2020-2030, \$ mn
- Table 41. APAC Autonomous Vehicle Vision and Navigation System Market by Country, 2020-2030, \$ mn
- Table 42. Japan Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn
- Table 43. Japan Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn
- Table 44. Japan Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn
- Table 45. China Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn
- Table 46. China Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn
- Table 47. China Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn
- Table 48. Australia Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn
- Table 49. Australia Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn
- Table 50. Australia Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn
- Table 51. India Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn
- Table 52. India Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn
- Table 53. India Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn
- Table 54. South Korea Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn
- Table 55. South Korea Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn
- Table 56. South Korea Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn
- Table 57. Autonomous Vehicle Vision and Navigation System Market in Rest of APAC

by Country/Region, 2020-2030, \$ mn

Table 58. South America Autonomous Vehicle Vision and Navigation System Market by Country, 2020-2030, \$ mn

Table 59. Argentina Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 60. Argentina Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 61. Argentina Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 62. Brazil Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 63. Brazil Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 64. Brazil Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 65. Chile Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 66. Chile Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 67. Chile Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 68. MEA Autonomous Vehicle Vision and Navigation System Market by Country, 2020-2030, \$ mn

Table 69. UAE Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 70. UAE Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 71. UAE Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 72. Saudi Arabia Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 73. Saudi Arabia Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 74. Saudi Arabia Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 75. South Africa Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, \$ mn

Table 76. South Africa Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, \$ mn

Table 77. South Africa Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, \$ mn

Table 78. Aptiv: Company Snapshot

Table 79. Aptiv: Business Segmentation

Table 80. Aptiv: Product Portfolio

Table 81. Aptiv: Revenue, 2017-2019, \$ mn

Table 82. Risk Evaluation for Investing in Global Market, 2020-2030

Table 83. Critical Success Factors and Key Takeaways

## List Of Figures

### LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Breakdown of Primary Research

Figure 3. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 4. Global Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2020-2030

Figure 5. Global Autonomous Vehicle Vision and Navigation System Market, 2020-2030, \$ mn

Figure 6. Impact of COVID-19 on Business

Figure 7. Primary Drivers and Impact Factors of Global Autonomous Vehicle Vision and Navigation System Market

Figure 8. Primary Restraints and Impact Factors of Global Autonomous Vehicle Vision and Navigation System Market

Figure 9. Investment Opportunity Analysis

Figure 10. Porter's Five Forces Analysis of Global Autonomous Vehicle Vision and Navigation System Market

Figure 11. Breakdown of Global Autonomous Vehicle Vision and Navigation System Market by Offering, 2020-2030, % of Revenue

Figure 12. Global Addressable Market Cap in 2021-2030 by Offering, Value (\$ mn) and Share (%)

Figure 13. Global Autonomous Vehicle Vision and Navigation System Market: Hardware & Component, 2020-2030, \$ mn

Figure 14. Global Autonomous Vehicle Vision and Navigation System Market: Global Positioning System (GPS), 2020-2030, \$ mn

Figure 15. Global Autonomous Vehicle Vision and Navigation System Market: Radio Detection and Ranging (RADAR) Sensors, 2020-2030, \$ mn

Figure 16. Global Autonomous Vehicle Vision and Navigation System Market: Inertial Measurement Unit (IMU), 2020-2030, \$ mn

Figure 17. Global Autonomous Vehicle Vision and Navigation System Market: Camera, 2020-2030, \$ mn

Figure 18. Global Autonomous Vehicle Vision and Navigation System Market: Ultrasonic Sensor, 2020-2030, \$ mn

Figure 19. Global Autonomous Vehicle Vision and Navigation System Market: Light Detection and Ranging Sensors (LiDAR), 2020-2030, \$ mn

Figure 20. Global Autonomous Vehicle Vision and Navigation System Market: Other Components, 2020-2030, \$ mn

Figure 21. Global Autonomous Vehicle Vision and Navigation System Market: Software & Service, 2020-2030, \$ mn

Figure 22. Global Autonomous Vehicle Vision and Navigation System Market: Software & Service for Planning, 2020-2030, \$ mn

Figure 23. Global Autonomous Vehicle Vision and Navigation System Market: Software & Service for Controlling, 2020-2030, \$ mn

Figure 24. Global Autonomous Vehicle Vision and Navigation System Market: Software & Service for Perception, 2020-2030, \$ mn

Figure 25. Global Autonomous Vehicle Vision and Navigation System Market: Software & Service for Localization, 2020-2030, \$ mn

Figure 26. Breakdown of Global Autonomous Vehicle Vision and Navigation System Market by Vehicle Type, 2020-2030, % of Sales Revenue

Figure 27. Global Addressable Market Cap in 2021-2030 by Vehicle Type, Value (\$ mn) and Share (%)

Figure 28. Global Autonomous Vehicle Vision and Navigation System Market: Passenger Vehicles, 2020-2030, \$ mn

Figure 29. Global Autonomous Vehicle Vision and Navigation System Market: Commercial Vehicles, 2020-2030, \$ mn

Figure 30. Breakdown of Global Autonomous Vehicle Vision and Navigation System Market by Level of Autonomy, 2020-2030, % of Sales Revenue

Figure 31. Global Addressable Market Cap in 2021-2030 by Level of Autonomy, Value (\$ mn) and Share (%)

Figure 32. Global Autonomous Vehicle Vision and Navigation System Market: Level 1 (Driver Assistance), 2020-2030, \$ mn

Figure 33. Global Autonomous Vehicle Vision and Navigation System Market: Level 2 (Partial Automation), 2020-2030, \$ mn

Figure 34. Global Autonomous Vehicle Vision and Navigation System Market: Level 3 (Conditional Automation), 2020-2030, \$ mn

Figure 35. Global Autonomous Vehicle Vision and Navigation System Market: Level 4 (High Automation), 2020-2030, \$ mn

Figure 36. Global Autonomous Vehicle Vision and Navigation System Market: Level 5 (Full Automation), 2020-2030, \$ mn

Figure 37. Breakdown of Global Autonomous Vehicle Vision and Navigation System Market by Distribution Channel, 2020-2030, % of Revenue

Figure 38. Global Addressable Market Cap in 2021-2030 by Distribution Channel, Value (\$ mn) and Share (%)

Figure 39. Global Autonomous Vehicle Vision and Navigation System Market: OEM, 2020-2030, \$ mn

Figure 40. Global Autonomous Vehicle Vision and Navigation System Market:



Aftermarket, 2020-2030, \$ mn

Figure 41. Global Market Snapshot by Region

Figure 42. Geographic Spread of Worldwide Autonomous Vehicle Vision and Navigation System Market, 2020-2030, % of Sales Revenue

Figure 43. Global Addressable Market Cap in 2021-2030 by Region, Value (\$ mn) and Share (%)

Figure 44. North American Autonomous Vehicle Vision and Navigation System Market, 2020-2030, \$ mn

Figure 45. Breakdown of North America Autonomous Vehicle Vision and Navigation System Market by Country, 2020 and 2030, % of Revenue

Figure 46. Contribution to North America 2021-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 47. U.S. Autonomous Vehicle Vision and Navigation System Market, 2020-2030, \$ mn

Figure 48. Canada Autonomous Vehicle Vision and Navigation System Market, 2020-2030, \$ mn

Figure 49. Autonomous Vehicle Vision and Navigation System Market in Mexico, 2015-2030, \$ mn

Figure 50. European Autonomous Vehicle Vision and Navigation System Market, 2020-2030, \$ mn

Figure 51. Breakdown of European Autonomous Vehicle Vision and Navigation System Market by Country, 2020 and 2030, % of Revenue

Figure 52. Contribution to Europe 2021-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 53. Autonomous Vehicle Vision and Navigation System Market in Germany, 2020-2030, \$ mn

Figure 54. Autonomous Vehicle Vision and Navigation System Market in U.K., 2020-2030, \$ mn

Figure 55. Autonomous Vehicle Vision and Navigation System Market in France, 2020-2030, \$ mn

Figure 56. Autonomous Vehicle Vision and Navigation System Market in Spain, 2020-2030, \$ mn

Figure 57. Autonomous Vehicle Vision and Navigation System Market in Italy, 2020-2030, \$ mn

Figure 58. Autonomous Vehicle Vision and Navigation System Market in Russia, 2020-2030, \$ mn

Figure 59. Autonomous Vehicle Vision and Navigation System Market in Rest of Europe, 2020-2030, \$ mn

Figure 60. Asia-Pacific Autonomous Vehicle Vision and Navigation System Market,

2020-2030, \$ mn

Figure 61. Breakdown of APAC Autonomous Vehicle Vision and Navigation System Market by Country, 2020 and 2030, % of Revenue

Figure 62. Contribution to APAC 2021-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 63. Autonomous Vehicle Vision and Navigation System Market in Japan, 2020-2030, \$ mn

Figure 64. Autonomous Vehicle Vision and Navigation System Market in China, 2020-2030, \$ mn

Figure 65. Autonomous Vehicle Vision and Navigation System Market in Australia, 2020-2030, \$ mn

Figure 66. Autonomous Vehicle Vision and Navigation System Market in India, 2020-2030, \$ mn

Figure 67. Autonomous Vehicle Vision and Navigation System Market in South Korea, 2020-2030, \$ mn

Figure 68. Autonomous Vehicle Vision and Navigation System Market in Rest of APAC, 2020-2030, \$ mn

Figure 69. South America Autonomous Vehicle Vision and Navigation System Market, 2020-2030, \$ mn

Figure 70. Breakdown of South America Autonomous Vehicle Vision and Navigation System Market by Country, 2020 and 2030, % of Revenue

Figure 71. Contribution to South America 2021-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 72. Autonomous Vehicle Vision and Navigation System Market in Argentina, 2020-2030, \$ mn

Figure 73. Autonomous Vehicle Vision and Navigation System Market in Brazil, 2020-2030, \$ mn

Figure 74. Autonomous Vehicle Vision and Navigation System Market in Chile, 2020-2030, \$ mn

Figure 75. Autonomous Vehicle Vision and Navigation System Market in Rest of South America, 2020-2030, \$ mn

Figure 76. Autonomous Vehicle Vision and Navigation System Market in Middle East and Africa (MEA), 2020-2030, \$ mn

Figure 77. Breakdown of MEA Autonomous Vehicle Vision and Navigation System Market by Country, 2020 and 2030, % of Revenue

Figure 78. Contribution to MEA 2021-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 79. Autonomous Vehicle Vision and Navigation System Market in UAE, 2020-2030, \$ mn

Figure 80. Autonomous Vehicle Vision and Navigation System Market in Saudi Arabia, 2020-2030, \$ mn

Figure 81. Autonomous Vehicle Vision and Navigation System Market in South Africa, 2020-2030, \$ mn

Figure 82. Growth Stage of Global Autonomous Vehicle Vision and Navigation System Industry over the Forecast Period

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