

Automotive Human Machine Interface (HMI) - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/A4C4083FFC5EN.html>

Date: April 2019

Pages: 148

Price: US\$ 4,150.00 (Single User License)

ID: A4C4083FFC5EN

Abstracts

According to Statistics MRC, the Automotive Human Machine Interface Market is accounted for \$17.96 billion in 2017 and is expected to reach \$50.61 billion by 2026 growing at a CAGR of 12.2% during the forecast period. Low cost HMI enabling software, growth in connected vehicles, rising demand for enhanced user experience and convenience features, increased adoption by OEMs are some of the factors fuelling the market growth. However, high cost of advance HMI systems, high power consumption, and cyber security threats are restricting the market growth.

Automotive Human-Machine Interface (HMI) technology is evolving in such a way that driver in the vehicle can have real-time communication with vehicle system to interact without distraction while driving the vehicle. It is portal to exchange information, converts raw and unorganized data into useful and actionable data. Gesture control, customization, speech recognition, augmented reality etc. are some of the key features. HMI not only connects the driver and car but with the outside world too. This technology will help the driver to have information about the surrounding environment such as traffic and weather conditions.

On the basis of access type, the multimodal HMI segment is expected to witness faster growth, due to increasing demand for premium and comfort features in passenger cars during the forecast period. By Geography, Asia-Pacific has been contributing the highest revenue in the automotive HMI market. Continuous infrastructural developments coupled with industrial development activities in emerging economies have opened new avenues, creating several opportunities in the region.

Some of the key players profiled in the Automotive Human Machine Interface market include Alpine Electronics Inc, Bosch, Clarion, Continental, DENSo Corporation, Desay

SV, Harman International, Luxoft Holding Inc, Magneti Marelli, Nuance Communications Inc, Rightware, Synaptics Incorporated, Valeo S.A, Visteon and Yazaki Corporation.

Products Covered:

- Central Display
- Head-Up Display (HUD)
- Instrument Cluster
- Multifunction Switches
- Rear Seat Entertainment (RSE)
- Steering Mounted Control
- Voice Control System

Interfaces Covered:

- Acoustic Interface
- Haptic Interface
- Mechanical Interface
- Visual Interface

Access Types Covered:

- Multimodal Interface
- Standard Interface

Functions Covered:

Primary Interface

Secondary Interface

Technologies Covered:

Input

Output

Sales Channels Covered:

Aftermarket

Original Equipment Manufacturer (OEM)

Categories Covered:

Hardware

Software & Services

Applications Covered:

Passenger Vehicle

Commercial Vehicle

End Users Covered:

Economy

Medium

Premium

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

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

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges,

Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market 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 clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

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

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Interface Analysis
- 3.7 Product Analysis
- 3.8 Technology Analysis
- 3.9 Application Analysis
- 3.10 End User Analysis
- 3.11 Emerging Markets
- 3.12 Futuristic Market Scenario

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes

- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL AUTOMOTIVE HUMAN MACHINE INTERFACE MARKET, BY PRODUCT

- 5.1 Introduction
- 5.2 Central Display
- 5.3 Head-Up Display (HUD)
- 5.4 Instrument Cluster
- 5.5 Multifunction Switches
- 5.6 Rear Seat Entertainment (RSE)
- 5.7 Steering Mounted Control
- 5.8 Voice Control System

6 GLOBAL AUTOMOTIVE HUMAN MACHINE INTERFACE MARKET, BY INTERFACE

- 6.1 Introduction
- 6.2 Acoustic Interface
- 6.3 Haptic Interface
- 6.4 Mechanical Interface
- 6.5 Visual Interface

7 GLOBAL AUTOMOTIVE HUMAN MACHINE INTERFACE MARKET, BY ACCESS TYPE

- 7.1 Introduction
- 7.2 Multimodal Interface
- 7.3 Standard Interface

8 GLOBAL AUTOMOTIVE HUMAN MACHINE INTERFACE MARKET, BY FUNCTION

- 8.1 Introduction
- 8.2 Primary Interface
- 8.3 Secondary Interface

9 GLOBAL AUTOMOTIVE HUMAN MACHINE INTERFACE MARKET, BY TECHNOLOGY

- 9.1 Introduction
- 9.2 Input
- 9.3 Output

10 GLOBAL AUTOMOTIVE HUMAN MACHINE INTERFACE MARKET, BY SALES CHANNEL

- 10.1 Introduction
- 10.2 Aftermarket
- 10.3 Original Equipment Manufacturer (OEM)

11 GLOBAL AUTOMOTIVE HUMAN MACHINE INTERFACE MARKET, BY CATEGORY

- 11.1 Introduction
- 11.2 Hardware
- 11.3 Software & Services

12 GLOBAL AUTOMOTIVE HUMAN MACHINE INTERFACE MARKET, BY APPLICATION

- 12.1 Introduction
- 12.2 Passenger Vehicle
 - 12.2.1 Compact
 - 12.2.2 Luxury
 - 12.2.3 Sedan/ Sports Utility Vehicle (SUV)
- 12.3 Commercial Vehicle

13 GLOBAL AUTOMOTIVE HUMAN MACHINE INTERFACE MARKET, BY END USER

- 13.1 Introduction
- 13.2 Economy
- 13.3 Medium
- 13.4 Premium

14 GLOBAL AUTOMOTIVE HUMAN MACHINE INTERFACE MARKET, BY GEOGRAPHY

- 14.1 Introduction
- 14.2 North America
 - 14.2.1 US
 - 14.2.2 Canada
 - 14.2.3 Mexico
- 14.3 Europe
 - 14.3.1 Germany
 - 14.3.2 UK
 - 14.3.3 Italy
 - 14.3.4 France
 - 14.3.5 Spain
 - 14.3.6 Rest of Europe
- 14.4 Asia Pacific
 - 14.4.1 Japan
 - 14.4.2 China
 - 14.4.3 India
 - 14.4.4 Australia
 - 14.4.5 New Zealand
 - 14.4.6 South Korea
 - 14.4.7 Rest of Asia Pacific
- 14.5 South America
 - 14.5.1 Argentina
 - 14.5.2 Brazil
 - 14.5.3 Chile
 - 14.5.4 Rest of South America
- 14.6 Middle East & Africa
 - 14.6.1 Saudi Arabia
 - 14.6.2 UAE
 - 14.6.3 Qatar
 - 14.6.4 South Africa
 - 14.6.5 Rest of Middle East & Africa

15 KEY DEVELOPMENTS

- 15.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 15.2 Acquisitions & Mergers
- 15.3 New Product Launch
- 15.4 Expansions
- 15.5 Other Key Strategies

16 COMPANY PROFILING

- 16.1 Alpine Electronics Inc
- 16.2 Bosch
- 16.3 Clarion
- 16.4 Continental
- 16.5 DENSO Corporation
- 16.6 Desay SV
- 16.7 Harman International
- 16.8 Luxoft Holding, Inc
- 16.9 Magneti Marelli
- 16.10 Nuance Communications, Inc
- 16.11 Rightware
- 16.12 Synaptics Incorporated
- 16.13 Valeo S.A.
- 16.14 Visteon
- 16.15 Yazaki Corporation

List Of Tables

Table 1 Global Automotive Human Machine Interface Market Outlook, By Region (2016-2026) (\$MN)

Table 2 Global Automotive Human Machine Interface Market Outlook, By Product (2016-2026) (\$MN)

Table 3 Global Automotive Human Machine Interface Market Outlook, By Central Display (2016-2026) (\$MN)

Table 4 Global Automotive Human Machine Interface Market Outlook, By Head-Up Display (HUD) (2016-2026) (\$MN)

Table 5 Global Automotive Human Machine Interface Market Outlook, By Instrument Cluster (2016-2026) (\$MN)

Table 6 Global Automotive Human Machine Interface Market Outlook, By Multifunction Switches (2016-2026) (\$MN)

Table 7 Global Automotive Human Machine Interface Market Outlook, By Rear Seat Entertainment (RSE) (2016-2026) (\$MN)

Table 8 Global Automotive Human Machine Interface Market Outlook, By Steering Mounted Control (2016-2026) (\$MN)

Table 9 Global Automotive Human Machine Interface Market Outlook, By Voice Control System (2016-2026) (\$MN)

Table 12 Global Automotive Human Machine Interface Market Outlook, By Interface (2016-2026) (\$MN)

Table 11 Global Automotive Human Machine Interface Market Outlook, By Acoustic Interface (2016-2026) (\$MN)

Table 12 Global Automotive Human Machine Interface Market Outlook, By Haptic Interface (2016-2026) (\$MN)

Table 13 Global Automotive Human Machine Interface Market Outlook, By Mechanical Interface (2016-2026) (\$MN)

Table 14 Global Automotive Human Machine Interface Market Outlook, By Visual Interface (2016-2026) (\$MN)

Table 15 Global Automotive Human Machine Interface Market Outlook, By Access Type (2016-2026) (\$MN)

Table 16 Global Automotive Human Machine Interface Market Outlook, By Multimodal Interface (2016-2026) (\$MN)

Table 17 Global Automotive Human Machine Interface Market Outlook, By Standard Interface (2016-2026) (\$MN)

Table 18 Global Automotive Human Machine Interface Market Outlook, By Function (2016-2026) (\$MN)

Table 19 Global Automotive Human Machine Interface Market Outlook, By Primary Interface (2016-2026) (\$MN)

Table 20 Global Automotive Human Machine Interface Market Outlook, By Secondary Interface (2016-2026) (\$MN)

Table 21 Global Automotive Human Machine Interface Market Outlook, By Technology (2016-2026) (\$MN)

Table 22 Global Automotive Human Machine Interface Market Outlook, By Introduction (2016-2026) (\$MN)

Table 23 Global Automotive Human Machine Interface Market Outlook, By Input (2016-2026) (\$MN)

Table 24 Global Automotive Human Machine Interface Market Outlook, By Output (2016-2026) (\$MN)

Table 25 Global Automotive Human Machine Interface Market Outlook, By Sales Channel (2016-2026) (\$MN)

Table 26 Global Automotive Human Machine Interface Market Outlook, By Aftermarket (2016-2026) (\$MN)

Table 27 Global Automotive Human Machine Interface Market Outlook, By Original Equipment Manufacturer (OEM) (2016-2026) (\$MN)

Table 28 Global Automotive Human Machine Interface Market Outlook, By Category (2016-2026) (\$MN)

Table 29 Global Automotive Human Machine Interface Market Outlook, By Hardware (2016-2026) (\$MN)

Table 30 Global Automotive Human Machine Interface Market Outlook, By Software &

Services (2016-2026) (\$MN)

Table 31 Global Automotive Human Machine Interface Market Outlook, By Application (2016-2026) (\$MN)

Table 32 Global Automotive Human Machine Interface Market Outlook, By Passenger Vehicle (2016-2026) (\$MN)

Table 33 Global Automotive Human Machine Interface Market Outlook, By Compact (2016-2026) (\$MN)

Table 34 Global Automotive Human Machine Interface Market Outlook, By Luxury (2016-2026) (\$MN)

Table 35 Global Automotive Human Machine Interface Market Outlook, By Sedan/ Sports Utility Vehicle (SUV) (2016-2026) (\$MN)

Table 36 Global Automotive Human Machine Interface Market Outlook, By Commercial Vehicle (2016-2026) (\$MN)

Table 37 Global Automotive Human Machine Interface Market Outlook, By End User (2016-2026) (\$MN)

Table 38 Global Automotive Human Machine Interface Market Outlook, By Economy (2016-2026) (\$MN)

Table 39 Global Automotive Human Machine Interface Market Outlook, By Medium (2016-2026) (\$MN)

Table 40 Global Automotive Human Machine Interface Market Outlook, By Premium (2016-2026) (\$MN)

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

I would like to order

Product name: Automotive Human Machine Interface (HMI) - Global Market Outlook (2017-2026)

Product link: <https://marketpublishers.com/r/A4C4083FFC5EN.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/A4C4083FFC5EN.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