

Automotive Human Machine Interface (HMI) Solutions: Market Research Report

<https://marketpublishers.com/r/AF46B86A061EN.html>

Date: December 2018

Pages: 238

Price: US\$ 5,600.00 (Single User License)

ID: AF46B86A061EN

Abstracts

This report analyzes the worldwide markets for Automotive Human Machine Interface (HMI) Solutions in US\$ Million. The global market is analyzed by the following Product Segments: Head Up Display, Instrument Clusters, Touch Screen Display, and Others. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East & Africa, and Latin America.

Annual estimates and forecasts are provided for the period 2016 through 2024.

Also, a five-year historic analysis is provided for these markets.

Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs.

The report profiles 51 companies including many key and niche players such as -

ALPS ELECTRIC CO., LTD.

Altran UK

Atmel Corporation

Clarion

Continental AG

Elektrobit Automotive GmbH

Contents

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

2. INDUSTRY OVERVIEW

With the Automotive Industry at a Turning Point, HMI Becomes Pivotal to the Emerging Autonomous, Shared, Connected & Electric Future of Urban Mobility

As In-Vehicle Connectivity & the Resulting Information Overload Floods the Car, Driver Focused HMI Emerges into the Cornerstone of Growth

Table 1. As In-Vehicle Connectivity Solutions Grow in Commercial Value, HMI Becomes a Key Engineering Essential Vital for the Successful Design of Safe Connected Cars: Global OEM Connected Car Solutions for Passenger Cars (in 000 Units) by Type for the Years 2018, 2020 and 2024 (includes corresponding Graph/Chart)

Electronification & Digitalization of the Car Throws the Emphasis on Providing Rich HMI Experiences

Smarter, Safer Interfaces Remain at the Core of the Connected Car Trend

Table 2. The Unprecedented Rise of Connected Cars as the Future of Driving Fuels the Importance of Safe and Reliable HMI Systems: Global Number of Connected Cars Shipped (in 000 Units) for the Years 2017, 2019 and 2022 (includes corresponding Graph/Chart)

Holistic HMI: Vital in Building Consumer Confidence & Acceptance of Electric Vehicles

Table 3. Projected Growth in Consumer Adoption of EVs Hinges on HMI Capability to Build Driver Confidence in the Vehicle: Number of EVs On Road Worldwide by Type (in Units) for the Years 2016, 2018, and 2022 (includes corresponding Graph/Chart)

Rise in Mobility Services & Subscription Based Connected Car Services Spurs the Importance of HMI

Table 4. Automobile Industry's Migration Towards New Value Creation & the Resulting Efforts to Connect Cars to New Revenue Streams Drives the Focus on Supportive HMI Systems: Global % Breakdown of Automobile Industry's Profits by Revenue Streams for the Years 2017 & 2030 (includes corresponding Graph/Chart)

Innovative Fusion of Infotainment with Telematics, ADAS, Navigation, ITS and Connected Vehicle Functions Drives Up the Importance & Value of HMI Systems

Table 5. As a Sophisticated Touchpoint for All Human Interactions with the Vehicle, HMI Grows in Importance Against the Backdrop of the Growing Popularity of Connected Infotainment Systems: Global Market for Passenger Car Infotainment Systems (in US\$ Million) by Geographic Region for the Years 2018, 2022 and 2024 (includes corresponding Graph/Chart)

The Emergence of Autonomous Cars Paves the Way for the Development of Next Generation HMI Technologies

Autonomous Vehicles Commercialization & Technology Penetration Timeline

Artificial Intelligence (AI) Makes its Much Awaited Debut as the Future of Automotive HMI

Automotive Assistant with Cognitive Arbitration Capabilities Soon to Become a Reality

Table 6. Growing Investments in Artificial Intelligence (AI) in Automotive Applications Bodes Well for the Development of AI Powered HMI Systems: Global Market for Automotive AI (in US\$ Million) for the Years 2018, 2022 and 2025 (includes corresponding Graph/Chart)

A Peek Into Other Noteworthy Trends

Growing Use of 'Nomadic Devices' Within the Vehicle Drives Demand for Adaptive Integrated Driver-Vehicle Interfaces

Table 7. Disturbingly High Smartphone-Induced Distracted Driving Drives the Urgent Need for Adaptive Integrated Driver-Vehicle Interfaces to Ensure Safer Driving Behavior: Survey Findings Illustrating the Frequency of Use of Smartphones While Driving (includes corresponding Graph/Chart)

Rise in Semiconductor Content Per Car & a Parallel Rise in Distracted Driving Spurs

Opportunities for Intuitive HMI Solutions

Table 8. The Rise of Semi-Autonomous Cars as Measured by the Robustly Growing Market for Advanced Driver Assistance Systems (ADAS) Makes Continuous Driver Engagement with the Vehicle Important and Vital: Global Market for ADAS (in US\$ Billion) for the Years 2017, 2022 & 2024 (includes corresponding Graph/Chart)

Table 9. Explosion of Electronic Systems Increases Cognitive Load & Fuels Man-Machine Interactivity in the Vehicle: % Breakdown of the Total Cost of Electronics in an Automobile for the Years 1970, 1980, 2000, 2017, 2020 and 2030 (includes corresponding Graph/Chart)

Distracted Driving: The Bane of Mobile Technology Proliferation & An Opportunity for Intelligent Hands-Free HMI Architecture

Table 10. Rising % of Fatal Crashes Involving Distracted Drivers Presents a Foolproof Business Case for Driver Focused HMI Solutions: % Distracted Drivers Involved in Fatal Crashes by Age Group for the Year 2018 (includes corresponding Graph/Chart)

Reduced Driver Distraction Tops Design Goals of HMI
The Risks Posed by Current Generation Touchscreens Throws the Spotlight on Touchless HMI

Table 11. Disadvantages of Vision-Based Recognition System Drives Interest in Touchless HMI: Global Automotive Touchless Sensing Market (in US\$ Million) for the Years 2014, 2017 & 2020 (includes corresponding Graph/Chart)

Voice Recognition as the Most Basic Form of Touchless Sensing Attracts Flake for Unsuitability in Automobile Applications
With High Mental Distractions Caused by Voice Enabled HMI, Real & Effective Automotive Voice Recognition Technology Continues to Elude the Auto Industry: Risk of Mental Distraction by Type of Voice Enabled Task
Gesture-Based Control of In-Car Devices Rises in Prominence
Touch Screen HMIs: Still the Dominant Technology in the Automotive Industry
Multimodal HMI: The Current Reigning Technology Crowned as the Future of In-Car Interaction

Augmented Reality Makes Inroads into the Automotive HMI Market With the Next Generation Automotive Grade Heads-Up Displays

Table 12. Safety, Comfort & Convenience Benefits to Lift Automotive HUDs to New Heights: World Automotive HUDs (in US\$ Million) for the Years 2017, 2019 & 2022 (includes corresponding Graph/Chart)

Effervescent Innovation Reinvents the Steering Wheel
HMI 2.0 & HTML5 Based In-Vehicle HMI Garner Strong Research Interest
Vehicle Production Gains in China to Drive Growth in the Asian Market: The Foundation for Macro Market Optimism

Table 13. With Over 23 Million Automobiles Rolling off the Assembly Line, Robust Production in China Offers a Fertile Environment for the Growth of HMI Systems in the OEM Market: Global Top Automotive Manufacturing Countries (Production in 000 Units) for the Years 2015, 2016 and 2017 (includes corresponding Graph/Chart)

Expanding Middle Class Population in Developing Countries to Drive Broad Based Growth in the Market

Table 14. As the Key Demographic Driver of Consumerism, Growing Middle Class Population to Drive Demand for Advanced HMI Systems in Automobiles: Global Middle Class Population (in Million) by Geographic Region for the Years 2017, 2022 & 2030 (includes corresponding Graph/Chart)

Table 15. Advanced & Adaptive HMI Moves Up the Vehicle Purchase Priorities among the Affluent Middle Class Consumers: Breakdown of World Middle Class Spending (in US\$ Trillion) by Region for the Years 2017 & 2030 (includes corresponding Graph/Chart)

Market Challenges

Issues with Current Generation In-Car HMIs

Muscle Memory Issues with Modern In-Car HMIs

Market Outlook

3. PRODUCT OVERVIEW

Automotive Human Machine Interface (HMI) Systems: An Introduction

HMI – Underlying Technology

Automotive HMI Technologies

Manual HMI Systems

Touch Screen Interfaces

Advantages

Resistive Touch Screens

Capacitive Touch Screens

Voice-Based HMI Systems

Haptic Technology

Head-Up Display

Low Frequency Electric Field Sensors

Other User Discrimination Techniques

Vision-Based Camera Systems

LCD Display

OLED Display

Biometric Sensors

Reflective IR Proximity Detection

Electric Field Sensors

Acoustic Interfaces

Beepers

Voice Feedback

Driver State Assessment

Primary Considerations for Designing HMI Systems

Text and Readability

Gestural Interactions

Semantic Skeuomorphism and Data Visualization

Shorter Dwell Time

Significance of Colors

Grouping Information

User Testing of HMI Design

4. COMPETITIVE LANDSCAPE

4.1 FOCUS ON SELECT GLOBAL PLAYERS

ALPS ELECTRIC CO., LTD. (Japan)

Altran UK (UK)

Atmel Corporation (USA)

Clarion (USA)
Continental AG (Germany)
Elektrobit Automotive GmbH (Germany)
Cypress Semiconductor Corporation (USA)
DENSO Corporation (Japan)
EAO AG (Switzerland)
Faurecia (France)
HARMAN International (USA)
Luxoft (Switzerland)
Magneti Marelli S. p. A (Italy)
Nippon Seiki Co., Ltd (Japan)
Nuance Communications Inc. (USA)
Panasonic Corporation (Japan)
Rightware Corporation (Finland)
Robert Bosch GmbH (Germany)
Synaptics Incorporated (USA)
Tata Elxsi Limited (India)
Texas Instruments Inc. (USA)
Valeo (France)
Visteon Corporation (USA)
VoiceBox Technologies, Inc (USA)

4.2 PRODUCT INNOVATIONS/INTRODUCTIONS

Qt and Green Hills Deliver HMI Platform for Integrated Automotive Digital Cockpits
Bosch Unveils Smart Cockpit Technology
Kia Motors to Unveil EV Concept Car with HMI
Continental Develops New Human-Machine Interface for Automated Driving

4.3 RECENT INDUSTRY ACTIVITY

DENSO Partners with BlackBerry to Develop the World's First Integrated Automotive HMI
Altran Acquires Aricent
Immersion Collaborates with Perception
Samsung Electronics Acquires HARMAN
Valeo Acquires gestigon
Nielsen Acquires Gracenote
Adient Completes Separation from Johnson Controls International
Microchip Technology Acquires Atmel
Cypress Inks Deal with MyScript
Altia Establishes New Office in Germany
Magna Acquires Telemotive

Preh Completes Acquisition of TechniSat

5. GLOBAL MARKET PERSPECTIVE

Table 16. World Recent Past, Current & Future Analysis for Automotive Human Machine Interface (HMI) Solutions by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin American Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 17. World Historic Review for Automotive Human Machine Interface (HMI) Solutions by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin American Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 18. World 14-Year Perspective for Automotive Human Machine Interface (HMI) Solutions by Geographic Region/Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin American Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

Table 19. World Recent Past, Current & Future Analysis for Automotive Human Machine Interface (HMI) Solutions by Product Segment - Head Up Display, Instrument Clusters, Touch Screen Display, and Others Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 20. World Historic Review for Automotive Human Machine Interface (HMI) Solutions by Product Segment - Head Up Display, Instrument Clusters, Touch Screen Display, and Others Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 21. World 14-Year Perspective for Automotive Human Machine Interface (HMI) Solutions by Product Segment - Percentage Breakdown of Revenues for Head Up Display, Instrument Clusters, Touch Screen Display, and Others Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

6. REGIONAL MARKET PERSPECTIVE

6.1 THE UNITED STATES

A. Market Analysis

Current & Future Analysis

Overview

US Market Opens to New Technologies in HMI Systems

Widespread Adoption of Telematics Drives Demand for Automotive HMI Systems

Multi-Function Head Unit Displays Grow in Popularity

B. Market Analytics

Table 22. US Recent Past, Current & Future Analysis for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 23. US Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

6.2 CANADA

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 24. Canadian Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 25. Canadian Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

6.3 JAPAN

A. Market Analysis

Current & Future Analysis

Huge Adoption of Navigation Systems Boosts Displays Market

B. Market Analytics

Table 26. Japanese Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 27. Japanese Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

6.4 EUROPE

A. Market Analysis

Current & Future Analysis

Overview

In-Dash Navigation Systems to Become Standard in European Automobiles – To Drive Demand for HMI Systems

AIDE Project Sets Platform for Automotive HMI R&D

B. Market Analytics

Table 28. European Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions by Geographic Region/Country - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 29. European Historic Review for Automotive Human Machine Interface (HMI) Solutions by Geographic Region/Country - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 30. European 14-Year Perspective for Automotive Human Machine Interface (HMI) Solutions by Geographic Region/Country - Percentage Breakdown of Revenues for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

6.4.1 FRANCE

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 31. French Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 32. French Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

6.4.2 GERMANY

A. Market Analysis

Current & Future Analysis

Increased Adoption of Better Quality Sat Navs Fuel Demand for Larger Screen Display Interfaces

B. Market Analytics

Table 33. German Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 34. German Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

6.4.3 ITALY

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 35. Italian Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 36. Italian Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015

(includes corresponding Graph/Chart)

6.4.4 THE UNITED KINGDOM

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 37. UK Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 38. UK Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

6.4.5 SPAIN

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 39. Spanish Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 40. Spanish Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

6.4.6 RUSSIA

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 41. Russian Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 42. Russian Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

6.4.7 REST OF EUROPE

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 43. Rest of Europe Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 44. Rest of Europe Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

6.5 ASIA-PACIFIC

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 45. Asia-Pacific Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions by Geographic Region/Country - China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 46. Asia-Pacific Historic Review for Automotive Human Machine Interface (HMI) Solutions by Geographic Region/Country - China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 47. Asia-Pacific 14-Year Perspective for Automotive Human Machine Interface (HMI) Solutions by Geographic Region/Country - Percentage Breakdown of Revenues for China and Rest of Asia-Pacific Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

6.5.1 CHINA

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 48. Chinese Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 49. Chinese Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

6.5.2 REST OF ASIA-PACIFIC

A. Market Analysis

Current & Future Analysis

Australia – A Key Regional Market

B. Market Analytics

Table 50. Rest of Asia-Pacific Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 51. Rest of Asia-Pacific Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

6.6 MIDDLE EAST & AFRICA

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 52. Middle East & Africa Recent Past, Current & Future Analysis for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 53. Middle East & Africa Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

6.7 LATIN AMERICA

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 54. Latin American Recent Past, Current & Future Analysis for Automotive Human Machine Interface (HMI) Solutions by Geographic Region/ Country - Brazil and Rest of Latin America Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 55. Latin American Historic Review for Automotive Human Machine Interface (HMI) Solutions by Geographic Region/Country - Brazil and Rest of Latin America Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 56. Latin America 14-Year Perspective for Automotive Human Machine Interface (HMI) Solutions by Geographic Region/Country - Percentage Breakdown of Revenues for Brazil and Rest of Latin America Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

6.7.1 BRAZIL

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 57. Brazilian Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 58. Brazilian Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

6.7.2 REST OF LATIN AMERICA

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 59. Rest of Latin America Recent Past, Current & Future Analysis For Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 60. Rest of Latin America Historic Review for Automotive Human Machine Interface (HMI) Solutions - Analyzed with Annual Revenues in US\$ Million for Years 2011 through 2015 (includes corresponding Graph/Chart)

7. COMPANY PROFILES

Total Companies Profiled: 51 (including Divisions/Subsidiaries - 53)

The United States (22)

Canada (1)

Japan (10)

Europe (19)

France (2)

Germany (9)

The United Kingdom (2)

Italy (1)

Rest of Europe (5)

Asia-Pacific (Excluding Japan) (1)

I would like to order

Product name: Automotive Human Machine Interface (HMI) Solutions: Market Research Report

Product link: <https://marketpublishers.com/r/AF46B86A061EN.html>

Price: US\$ 5,600.00 (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/AF46B86A061EN.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