

Automotive Software: Market Research Report

<https://marketpublishers.com/r/AC0E92EC56AEN.html>

Date: January 2019

Pages: 393

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

ID: AC0E92EC56AEN

Abstracts

This report analyzes the worldwide markets for Automotive Software in US\$ Thousand by the following Application Segments: Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/Telematics, and Others.

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin-America, and Rest of World. 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 83 companies including many key and niche players such as -

Airbiquity, Inc.

Apple, Inc.

Aptiv PLC

Bosch Software Innovations GmbH

Denso Corporation

Elektrobit

Contents

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations

Disclaimers

Data Interpretation & Reporting Level

Quantitative Techniques & Analytics

Product Definitions and Scope of Study

By Application Area

Safety & Security Systems

Body Electronics/Comfort Systems

Infotainment/Telematics

Others

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW

Automobile 'Electronification': The Cornerstone for the Evolution of Software Solutions

Table 1. Increasing Electronic Content in Automobiles & the Resulting Proliferation of Smart Components and Subassemblies Provides the Platform for the Growth of Software: % Breakdown of the Total Cost of Electronics in an Automobile for the Years 1970, 1980, 2000, 2017, 2020 and 2030 (includes corresponding Graph/Chart)

What is Software? & What are the Key Forces That the Driving the Software Market?
Over the Air (OTA) Software Updates for Cars: The Next Stage of Software Evolution

Table 2. As the Automotive Industry Takes its Next Technology Leap, Auto OEMs Focus Shifts Towards Building a Smart Software Platform Strategy: Global Number of OTA Enabled Cars On Road (In Million) for the Years 2019 and 2025 by Segment (includes corresponding Graph/Chart)

Changing Automotive Revenue Streams Bring-Out Software Expertise as the Core Competency for Auto OEMs

Falling Growth in New Car Sales Through 2025 Shifts OEM Focus to New Revenue

Streams

Table 3. With the Industry Moving Past the Recovery Boom, Sluggish to Flat Growth in New Vehicle Sales Catalyzes the Volume of Software Content in a Car as OEMs Seek to Monetize the Car Beyond the One-Time Sale: Global Sales of Passenger Cars (In 000 Units) for the Years 2016, 2019, 2022, and 2025 (includes corresponding Graph/Chart)

Shift Towards Recurring Revenue Streams Makes “Software” an Indispensable Platform for Service Provisioning

Table 4. Automobile Industry’s Migration Towards New Recurring Revenue Streams to Make “Software” the Platform for Enabling In-Car Services: Global % Breakdown of Automobile Industry’s Profits by Revenue Streams for the Years 2017 & 2030 (includes corresponding Graph/Chart)

As the Fuel that Powers the Era of Connected Cars, Automotive Software is Poised to Gain Richly From the Exploding Growth of Connected Car Services

Table 5. The Unprecedented Rise of Connected Cars as the Future of Driving Fuels the Importance of Software Platforms in Monetizing Connected Vehicle Services: Global Number of Connected Cars Shipped (In 000 Units) for the Years 2017, 2019 and 2022 (includes corresponding Graph/Chart)

Table 6. Against the Backdrop of the Growing Explosion of Revenue Generating Touchpoints for Connected Vehicles, Software as a Connectivity Enabler Receives High Priority in Vehicle Development: Global Connected Car Services Revenues (in US\$ Billion) for the Years 2015, 2017 and 2019F (includes corresponding Graph/Chart)

Infotainment Systems as the Touchpoint for Connectivity, Becomes the Hotbed for Software Development Activity

Table 7. As Cars Evolve Into Software Defined Machines, the Importance of Automotive Software Platforms Gathers Force: Global Automotive Infotainment System Sales by Operating System (in 000 Units) for the Years 2013, 2017 and 2022 (includes

corresponding Graph/Chart)

Autonomous Cars: A Landmine of Growth Opportunity for Automotive Software

Table 8. Autonomous Vehicles Commercialization & Technology Penetration Timeline

Critical Need for Sensor Fusion in Automobiles Steps Up the Importance of Software

Table 9. Falling Cost of Sensors Bode Well for Sensor Proliferation in the Automotive Industry: Global Average Price of Sensors (In US\$ Per Unit) for the Years 2010, 2015, 2018 and 2020 (includes corresponding Graph/Chart)

Table 10. Rising Average Number of Sensors Per Car Throws the Development Focus on Sensor Fusion Software: Global Number of Sensors Used in the Automotive Industry (In Billion Units) for the Years 2017 and 2020 (includes corresponding Graph/Chart)

Automotive HMI: A Rich Application Area for Software

Table 11. Growing Market for Automotive Human Machine Interface (HMI) Solutions to Expand the Addressable Market Opportunity for HMI Software: Global Market for HMI Solutions (In US\$ Million) by Geographic Region for the Years 2018 and 2022 (includes corresponding Graph/Chart)

Migration Towards Automatic Transmission Systems Drives the Importance of Software and Algorithms for Transmission Control Systems

Table 12. Growing Clout of Automated Transmission Systems Expands the Addressable Market Opportunity for Transmission Software: Global Sales of Automotive Transmission Systems (In Million Units) by Transmission Technology for the Years 2018 and 2024 (includes corresponding Graph/Chart)

Rise of X-By-Wire Technologies Offers Opportunities for Software to Increasingly Replace Mechanical & Hydraulic Components

Table 13. Growing Popularity of Drive by Wire Systems Spurs the Emphasis on Software Reliability for Developing Fault Tolerant Systems: Global Sales of X-By-Wire Systems (In 000 Units) for the Years 2018 and 2022 by Geographic Region (includes corresponding Graph/Chart)

Strong Adoption of ADAS Accelerates the Indispensability of Software

Table 14. Strong Sales of ADAS Expands the Use Case Scenario for Advanced Software Platforms Including ADAS Operating System & Middleware: Global Production Volume Breakdown of Advanced Driver Assistance System (ADAS) (in 000 Units) for the Years 2016, 2018 and 2023 (includes corresponding Graph/Chart)

Adoption of On-Board Vehicle Health Monitoring & Diagnostic System Drives Growth

Table 15. Passenger Cars to Emerge as the Largest Market for Automotive Remote Diagnostics Over the Medium-Term Period: % Breakdown of the Global Automotive Remote Diagnostics Market by Vehicle Type for the Year 2022 (includes corresponding Graph/Chart)

Table 16. Robust Double Digit Growth Projected for the Vehicle Diagnostics Market Bodes Well for the Future Growth of Software: Global Market for Vehicle Diagnostics (In US\$ Billion) for the Years 2017 & 2022 (includes corresponding Graph/Chart)

Safety Regulations Step Up the Pressure on Software

TPMS Regulations Drives Demand for Software Driver Components

Fuel Management and Safety Standards Drives Automotive Engine Management Systems Market

OEMs Focus on Reducing Software Development Costs

Hybrid Cars Promise High Volume of Software Deployments

Table 17. Projected Growth in Electric Vehicles Drives Opportunities for Software that Enable Safe Management of Electrical Energy in the Vehicle: Global Number of On-Road Electric Cars (In Units) for the Years 2018 and 2022 by Type (includes corresponding Graph/Chart)

Automotive Software Outsourcing Rises in Popularity

Increase in Software Content Raises the Risk of Failure & Difficulty in Repairing
Market Outlook

2. PRODUCT OVERVIEW

Definition

Types of Software Technologies

Operating System Software

Middleware Software

Application Software

Use of Automotive Software in Vehicle Features

Infotainment/Telematics

Comfort Systems

Safety Systems

Others

Industry Standards in Development

AUTOSAR (Automotive Open System Architecture)

Members

Advantages

FlexRay

Media Oriented Systems Transport (MOST)

3. PRODUCT INTRODUCTIONS/INNOVATIONS

Nuance Adds New Features to Dragon Drive Software

Nuance Expands Dragon Drive Software with AI and Interoperability Features

Airbiquity Unveils New OTAmatic

Continental Adds Advanced Connectivity Features to Vehicle Software

Renesas Electronics Introduces Renesas Autonomy Platform

Capgemini Launches Automotive Cybersecurity Software

Airbiquity and Vector Update AUTOSAR Software

BlackBerry Launches QNX SDP 7.

Elektrobit Launches EB robinos Predictor

HARMAN and Airbiquity to Launch Grade End-to-End IDS

Symantec Introduces Symantec Anomaly Detection for Automobiles

Airbiquity Releases Software & Data Management Solution

QNX Unveils QNX Platform for ADAS

Nuance Communications Introduces Dragon Drive Automotive Assistant

4. RECENT INDUSTRY ACTIVITY

Blackberry Collaborates with Baidu
Renesas Electronics and Green Hills Collaborate
DENSO Inks Partnership Deal with BlackBerry
BlackBerry Collaborates with Qualcomm
Nidec Acquires driveXpert GmbH
Green Hills Expands INTEGRITY Coverage to NXP
PSA Enters Into Partnership Deal with Huawei Technologies
GE Additive Acquires GeonX
Delphi Automotive Acquires NuTonomy
Delphi Ink Partnership Deal with BlackBerry
Siemens to Take Over TASS International
ACCESS Inks Distribution Agreement with JVC for NetFront Browser NX
Wipro and Excelfore Partner to Offer Auto Connective Solutions
ETAS Collaborates with Lynx Software Technologies
Microsoft Enters into Patent Licensing Agreement with Toyota
Siemens Completes the Acquisition of Mentor Graphics
Thundersoft Acquires Rightware
Hexagon Acquires MSC Software
BlackBerry Collaborates with Renesas Electronics
Airbiquity and STMicroelectronics Collaborate
Delphi Automotive Acquires Movimento
Verizon Communications Acquires Fleetmatics Group
BlackBerry Signs Agreement with Ford Motor Company
Luxoft Holding Completes Acquisition of Pelagicore
AutoForm Acquires TriboForm
Panasonic Takes Overs OpenSynergy
DURA Automotive Selects Green Hills Platform
Luxoft Holding Acquires Symtavigation GmbH
ACCESS Offers NetFront Browser NX Automotive Software to Jaguar
Visteon Inks Agreement to Acquire AllGo Systems
HARMAN to Take Over TowerSec
QNX Collaborates with Ford Motor
NXP Semiconductors Merges with Freescale Semiconductor
NeuLion Completes Acquisition of DivX Corporation

5. FOCUS ON SELECT PLAYERS

Airbiquity, Inc. (USA)
Apple, Inc. (USA)
Aptiv PLC (UK)
Bosch Software Innovations GmbH (Germany)
Denso Corporation (Japan)
Elektrobit (Finland)
ETAS (Germany)
Google Inc. (USA)
Green Hills Software Inc. (USA)
Intel Corporation (USA)
International Business Machines Corporation (USA)
Lectronix, Inc (USA)
Luxoft Global Operations GmbH (Switzerland)
Lynx Software Technologies, Inc. (USA)
Mentor Graphics Corporation (USA)
Microsoft Corporation (USA)
MSC. Software Corporation (USA)
Nuance Communications, Inc. (USA)
NuTonomy (USA)
NVIDIA Corporation (USA)
NXP Semiconductors N. V. (The Netherlands)
Oxbotica LTD (UK)
QNX Software Systems (Canada)
Tesla Motors Inc. (USA)
The MathWorks, Inc. (USA)
Vector Informatik GmbH (Germany)
Wind River Systems, Inc (USA)

6. GLOBAL MARKET PERSPECTIVE

Table 18. World Recent Past, Current & Future Analysis for Automotive Software by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 19. World Historic Review for Automotive Software by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years

2011 through 2015 (includes corresponding Graph/Chart)

Table 20. World 14-Year Perspective for Automotive Software by Geographic Region - Percentage Share Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

By Application Area

Table 21. World Recent Past, Current & Future Analysis for Automotive Software in Safety & Security Systems Application by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 22. World Historic Review for Automotive Software in Safety & Security Systems Application by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 23. World 14-Year Perspective for Automotive Software in Safety & Security Systems Application by Geographic Region - Percentage Share Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 24. World Recent Past, Current & Future Analysis for Automotive Software in Body Electronics/Comfort Systems Application by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 25. World Historic Review for Automotive Software in Body Electronics/ Comfort Systems Application by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 26. World 14-Year Perspective for Automotive Software in Body Electronics/ Comfort Systems Application by Geographic Region - Percentage Share Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 27. World Recent Past, Current & Future Analysis for Automotive Software in Infotainment/Telematics Systems Application by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 28. World Historic Review for Automotive Software in Infotainment/Telematics Systems Application by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 29. World 14-Year Perspective for Automotive Software in Infotainment/ Telematics Systems Application by Geographic Region - Percentage Share Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 30. World Recent Past, Current & Future Analysis for Automotive Software in Other Automotive Software Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 31. World Historic Review for Automotive Software in Other Automotive Software Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 32. World 14-Year Perspective for Automotive Software in Other Automotive Software Applications by Geographic Region - Percentage Share Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America

and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES

A. Market Analysis

Market Outlook

Product Launches

Strategic Corporate Developments

Key Players

B. Market Analytics

Table 33. US Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 34. US Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 35. US 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 36. US Recent Past, Current & Future Analysis for Automotive Software by Product Segment - Application Software, Middleware, and Operating System Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 37. US Historic Review for Automotive Software by Product Segment - Application Software, Middleware, and Operating System Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 38. US 14-Year Perspective for Automotive Software by Product Segment - Percentage Share Breakdown of Dollar Sales for Application Software, Middleware, and Operating System Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

2. CANADA

A. Market Analysis

Market Outlook

Product Launches

Strategic Corporate Developments

QNX Software Systems – A Key Canadian Player

B. Market Analytics

Table 39. Canadian Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 40. Canadian Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 41. Canadian 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

3. JAPAN

A. Market Analysis

Market Outlook

Product Launch

Strategic Corporate Development

Denso Corporation – A Japanese Player

B. Market Analytics

Table 42. Japanese Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 43. Japanese Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 44. Japanese 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4. EUROPE

A. Market Analysis

Strategic Corporate Developments

B. Market Analytics

Table 45. European Recent Past, Current & Future Analysis for Automotive Software by Country/Region - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 46. European Historic Review for Automotive Software by Country/Region - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 47. European 14-Year Perspective for Automotive Software by Country/Region - Percentage Share Breakdown of Dollar Sales for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 48. European Recent Past, Current & Future Analysis for Automotive Software by

Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 49. European Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 50. European 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4A. FRANCE

A. Market Analysis

Product Launch

B. Market Analytics

Table 51. French Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 52. French Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 53. French 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4B. GERMANY

A. Market Analysis

Product Launches
Strategic Corporate Developments
Key Players
B. Market Analytics

Table 54. German Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 55. German Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 56. German 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4C. ITALY

Market Analysis

Table 57. Italian Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 58. Italian Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 59. Italian 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets for Years

2011, 2017 & 2024 (includes corresponding Graph/Chart)

4D. THE UNITED KINGDOM

A. Market Analysis

Strategic Corporate Development

Key Players

B. Market Analytics

Table 60. UK Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 61. UK Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 62. UK 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4E. SPAIN

Market Analysis

Table 63. Spanish Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 64. Spanish Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 65. Spanish 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4F. RUSSIA

Market Analysis

Table 66. Russian Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 67. Russian Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 68. Russian 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4G. REST OF EUROPE

A. Market Analysis

Strategic Corporate Developments

Key Players

B. Market Analytics

Table 69. Rest of Europe Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 70. Rest of Europe Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 71. Rest of Europe 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC

A. Market Analysis

Market Outlook

B. Market Analytics

Table 72. Asia-Pacific Recent Past, Current & Future Analysis for Automotive Software by Country/ Region - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 73. Asia-Pacific Historic Review for Automotive Software by Country/Region - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 74. Asia-Pacific 14-Year Perspective for Automotive Software by Country/Region - Percentage Share Breakdown of Dollar Sales for China, India and Rest of Asia-Pacific Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 75. Asia-Pacific Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 76. Asia-Pacific Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$

Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 77. Asia-Pacific 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

5A. CHINA

A. Market Analysis

Market Outlook

B. Market Analytics

Table 78. Chinese Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 79. Chinese Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 80. Chinese 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

5B. INDIA

A. Market Analysis

Market Outlook

Strategic Corporate Development

B. Market Analytics

Table 81. Indian Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems,

Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 82. Indian Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 83. Indian 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

5C. REST OF ASIA-PACIFIC

A. Market Analysis

Market Outlook

B. Market Analytics

Table 84. Rest of Asia-Pacific Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 85. Rest of Asia-Pacific Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 86. Rest of Asia-Pacific 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

6. LATIN AMERICA

A. Market Analysis

Market Outlook

B. Market Analytics

Table 87. Latin American Recent Past, Current & Future Analysis for Automotive Software by Country/ Region - Brazil and Rest of Latin America Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 88. Latin American Historic Review for Automotive Software by Country/Region - Brazil and Rest of Latin America Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 89. Latin American 14-Year Perspective for Automotive Software by Country/Region - Percentage Share Breakdown of Dollar Sales for Brazil and Rest of Latin America Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 90. Latin American Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 91. Latin American Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 92. Latin American 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

6A. BRAZIL

A. Market Analysis

Market Outlook

B. Market Analytics

Table 93. Brazilian Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 94. Brazilian Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 95. Brazilian 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

6B. REST OF LATIN AMERICA

A. Market Analysis

Market Outlook

B. Market Analytics

Table 96. Rest of Latin America Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 97. Rest of Latin America Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 98. Rest of Latin America 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

7. REST OF WORLD

A. Market Analysis

Market Outlook

B. Market Analytics

Table 99. Rest of World Recent Past, Current & Future Analysis for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 100. Rest of World Historic Review for Automotive Software by Application Area - Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/ Telematics, and Other Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 101. Rest of World 14-Year Perspective for Automotive Software by Application Area - Percentage Share Breakdown of Dollar Sales for Safety & Security Systems, Body Electronics/ Comfort Systems, Infotainment/Telematics, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 83 (including Divisions/Subsidiaries - 89)

The United States (45)

Canada (4)

Japan (5)

Europe (25)

France (3)

Germany (6)

The United Kingdom (6)

Italy (2)

Rest of Europe (8)

Asia-Pacific (Excluding Japan) (9)

Middle East (1)

I would like to order

Product name: Automotive Software: Market Research Report

Product link: <https://marketpublishers.com/r/AC0E92EC56AEN.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/AC0E92EC56AEN.html>