Connected Car Market by Hardware (Semiconductor Components, and Connectivity ICs- Wi-Fi, Bluetooth and Cellular), Application (Telematics, Infotainment, and Combined Telematics & Infotainment), and Geography - Global Forecast to 2022

Description: “Regularity mandates on some connected car modules and vehicle data updates for defect detection, which would help the manufacturer to recall vehicles in time is expected to drive the growth of the connected car market”

The connected car market is expected to grow from 5.1 million units in 2015 to 37.7 million units by 2022, at a CAGR of 35.54% during the forecast period. Regularity mandates on some connected car modules such as eCall, fleet management, intelligent transportation system (ITS) and usage-based insurance (UBI), and vehicle data updates, which would detect any defect and help manufacturers to recall vehicles in time are expected to drive the growth of the connected car market. However, data security and lack of network coverage is expected to restrict the growth of this market.

“Increasing demand for implementation of data-driven decision making and strategy and semi-autonomous car drive the growth of FPGA in the connected car market”

The growing usage of complex level data processing for artificial intelligence and self-driving features would help field-programmable gate array (FPGAs) semiconductor components to grow at the fastest rate in the connected car market followed by Wi-Fi connectivity integrated circuits (ICs). The vehicle-to-vehicle (V2V) and vehicle-to-infrastructure (V2I) connectivity are expected to drive the growth of the connected car market for Wi-Fi connectivity ICs.

“Combined telematics and infotainment application to hold the largest market share for connected car”

Combined telematics and infotainment application has the largest market share among all applications for connected car. The government mandates on telematics application and introduction of cloud-based services for music and other multimedia support such as video, games and internet browsing has led to an increase in the combined telematics and infotainment applications.

“Connected car market in Asia Pacific to grow at a high rate”

Rapid urbanization and increasing disposable income in some Asia Pacific countries such as China, Japan, South Korea, and India, is expected to drive the growth of the connected car market in this region. China is the largest market for premium car, both in terms of production and sale. This factor is expected to drive the growth of the connected car market in China.

The Breakup of the Profile of Primary Participants has been given below:

- By Companies: Tier 1 - 40 %, Tier 2 - 20%, and Tier 3 - 40%
- By Designation: C-level Executives - 40%, Directors - 40%, and Others - 20%
- By Region: North America - 40%, Europe - 40%, APAC - 10%, and RoW - 10%

This report provides valuable insights into the ecosystem of the connected car market including the automobile companies, telematics providers, and telecom network companies.

The major players in the connected car market are Audi AG (Germany), BMW AG (Germany), General Motors Company (U.S.), Tesla Motors, Inc. (U.S.), Google, Inc. (U.S.), Volvo Car Corporation (Sweden), Delphi Automotive Plc (U.K.), Vodafone Group Plc. (U.K.), AT&T Inc. (U.S.), Denso Corporation (Japan), Robert Bosch GmbH (Germany), Airbiquity, Inc. (U.S.), and Wirelesscar (Sweden).

Research Coverage:

The connected car market has been segmented on the basis of hardware, application, and geography. The
market based on hardware has been further segmented into semiconductor components and connectivity ICs. The connected car market based on application is further divided into telematics, infotainment, and combined telematics and infotainment. On the basis of geography, the market has been segmented into North America, Europe, Asia Pacific (APAC) and Rest of the World (RoW).

Reasons to Buy the Report:

- This report segments the connected car market comprehensively and provides the closest approximations of the market sizes for the overall market and subsegments across the different applications and regions.
- The report helps stakeholders to understand the pulse of the connected car market and provides them information on key market drivers, restraints, challenges, and opportunities.
5.4.3 Opportunities

5.4.3.1 Connected Car is A Stepping Stone for Autonomous Vehicles
5.4.3.2 Insurance Rate Vary as Per Usage
5.4.3.3 Consumer Electronics Providers Could Offer Telematics and Infotainment Equipment at A
Cheaper Cost

5.4.4 Challenges

5.4.4.1 Disparity of Product Design Cycle Between Oems, Embedded Solutions of Cars and
Smartphones
5.4.4.2 Need to Reduce the Cost of Telematics and Infotainment Equipment and Services

5.4.5 Winning Imperative

5.4.5.1 Creating an Ecosystem Through Cross-Industry Partnerships Between Oems, Technology
Companies, and Mobile Network Operators

6 Industry Trends

6.1 Introduction
6.2 Value Chain Analysis
6.3 The Porter's Five Forces Analysis
6.3.1 Threat of New Entrants
6.3.2 Threat of Substitutes
6.3.3 Bargaining Power of Suppliers
6.3.4 Bargaining Power of Buyers
6.3.5 Intensity of Competitive Rivalry
6.4 Impact of Using Artificial Intelligence in Connected Car

6.5 Introduction of 5G in Connected Car
6.5.1 Vehicle-To-Vehicle (V2V)
6.5.2 Vehicle-To-Infrastructure (V2I)
6.5.3 Vehicle-To-Pedestrian (V2P)
6.5.4 Vehicle-To-Network (V2N)
6.5.5 Advanced Driver Assistance System (ADAS)
6.5.6 Automated Driving
6.5.7 Autonomous Driving
6.5.8 Road Safety and Traffic Efficiency
6.5.9 Digital Logistics
6.5.10 Intelligent Navigation

7 Connected Car Market, By Hardware

7.1 Introduction
7.2 Hardware
7.3 Semiconductor Components
7.3.1 Microcontrollers
7.3.2 FPGAS
7.3.3 DSPS
7.3.4 Memory Chips
7.4 Connectivity ICS
7.4.1 Cellular
7.4.1.1 2G
7.4.1.2 3G
7.4.1.3 4G LTE
7.4.1.4 5G
7.4.2 Wi-Fi
7.4.3 Bluetooth
7.4.4 Other Connectivity Technologies

8 Connected Car Market, By Application

8.1 Introduction
8.2 Telematics
8.2.1 Emergency Calling
8.2.2 Vehicle Diagnosis and Maintenance Notifications
8.2.3 Driver Behaviour Analysis
8.2.4 Predictive Maintenance
8.2.5 Fleet Management
8.2.6 Forward Hazard Warning
8.2.7 Curve Speed Warning
8.2.8 Overtake Vehicle Warning
8.2.9 Parking Management System
8.2.10 Dynamic Mobility
8.2.11 Traffic Control System
8.2.12 Usage-Based Insurance

8.3 Infotainment
8.3.1 GPS Navigation
8.3.2 Entertainment
8.4 Combined Telematics & Infotainment

9 Geographical Analysis
9.1 Introduction
9.2 North America
  9.2.1 U.S.
  9.2.2 Canada
  9.2.3 Mexico
9.3 Europe
  9.3.1 Germany
  9.3.2 U.K.
  9.3.3 France
  9.3.4 Russia
  9.3.5 Italy
  9.3.6 Spain
  9.3.7 Rest of Europe
9.4 Asia Pacific
  9.4.1 China
  9.4.2 Japan
  9.4.3 South Korea
  9.4.4 India
  9.4.5 Rest of Asia Pacific
9.5 Rest of the World
  9.5.1 South America
  9.5.2 Middle East & South Africa

10 Competitive Landscape
10.1 Overview
10.2 Key Players in Connected Car Market
10.3 Competitive Situation and Trends
  10.3.1 New Product Launches and Developments
  10.3.2 Partnerships, Agreements, and Collaborations
  10.3.3 Mergers and Acquisitions
  10.3.4 Other Developments

11 Company Profiles
11.1 Introduction
11.2 General Motors Company
11.3 Google, Inc.
11.4 Tesla Motors, Inc.
11.5 Audi AG
11.6 BMW AG
11.7 Volvo Car Corporation
11.8 Delphi Automotive PLC
11.9 Robert Bosch GmbH
11.10 Vodafone Group PLC.
11.11 AT&T, Inc.
11.12 Denso Corporation
11.13 Airbiquity, Inc
11.14 Wirelesscar

List of Tables
Table 1 Connected Car Market, By Hardware, 2014-2022 (USD Thousand)
Table 2 Market, By Hardware, 2014-2022 (Thousand Units)
Table 3 Market for Hardware, By Semiconductor Component, 2014-2022 (USD Thousand)
Table 4 Market for Hardware, By Semiconductor Component, 2014-2022 (Thousand Units)
Table 5 Connected Car Market for Semiconductor Component, By Region, 2014-2022 (Thousand Units)
Table 6 Market for Semiconductor Component in North America, By Country, 2014-2022 (Thousand Units)
Table 7 Market for Semiconductor Component in Europe, By Country, 2014-2022 (Thousand Units)
Table 8 Market for Semiconductor Component in APAC, By Country, 2014-2022 (Thousand Units)
Table 9 Market for Semiconductor Components in RoW, By Region, 2014-2022 (Thousand Units)
Table 10 Connected Car Market for Microcontrollers, By Region, 2014-2022 (Thousand Units)
Table 11 Market for Microcontrollers in North America, By Country, 2014-2022 (Thousand Units)
Table 12 Market for Microcontrollers in Europe, By Country, 2014-2022 (Thousand Units)
Table 13 Market for Microcontrollers in APAC, By Country, 2014-2022 (Thousand Units)
Table 14 Connected Car Market for Microcontrollers in RoW, By Region, 2014-2022 (Thousand Units)
Table 15 Connected Car Market for Fpga, By Region, 2014-2022 (Thousand Units)
Table 16 Market for Fpga in North America, By Country, 2014-2022 (Thousand Units)
Table 17 Connected Car Market for Fpga in Europe, By Country, 2014-2022 (Thousand Units)
Table 18 Market for Fpga in APAC, By Country, 2014-2022 (Thousand Units)
Table 19 Market for Fpga in RoW, By Region, 2014-2022 (Thousand Units)
Table 20 Connected Car Market for Dsp, By Region, 2014-2022 (Thousand Units)
Table 21 Market for Dsp in North America, By Country, 2014-2022 (Thousand Units)
Table 22 Market for Dsp in Europe, By Country, 2014-2022 (Thousand Units)
Table 23 Market for Dsp in APAC, 2014-2022 (Thousand Units)
Table 24 Market for Dsp in Rest of the World, By Region, 2014-2022 (Thousand Units)
Table 25 Connected Car Market for Memory Chips, By Region, 2014-2022 (Thousand Units)
Table 26 Connected Car Market for Connectivity ICS, 2014-2022 (USD Thousand)
Table 27 Market, By Connectivity ICS, 2014-2022 (Thousand Units)
Table 28 Connected Car Market, By Application, 2013-2022 (Thousand Units)
Table 29 Connected Car Market for Telematics, By Region, 2014-2022 (Thousand Units)
Table 30 Market for Telematics Application in Europe, By Country, 2014-2022 (Thousand Units)
Table 31 Market for Telematics Application in North America, 2014-2022 (Thousand Units)
Table 32 Market for Telematics Application in APAC, 2014-2022 (Thousand Units)
Table 33 Market for Telematics Application in RoW, 2014-2022 (Thousand Units)
Table 34 Connected Car Market for Infotainment Application, By Region, 2014-2022 (Thousand Units)
Table 35 Market for Infotainment Application in North America, By Country, 2014-2022 (Thousand Units)
Table 36 Market for Infotainment Application in Europe, By Country, 2014-2022 (Thousand Units)
Table 37 Market for Infotainment Application in APAC, By Country, 2014-2022 (Thousand Units)
Table 38 Market for Infotainment Application in RoW, By Region, 2014-2022 (Thousand Units)
Table 39 Connected Car Market for Combined Telematics & Infotainment Application, By Region, 2014-2022 (In Thousand Units)
Table 40 Market for Combined Telematics & Infotainment Application in North America, By Country, 2014-2022 (Thousand Units)
Table 41 Market for Combined Telematics & Infotainment Application in Europe, By Country, 2014-2022 (Thousand Units)
Table 42 Market for Combined Telematics & Infotainment Application in APAC, By Country, 2014-2022 (Thousand Units)
Table 43 Market for Combined Telematics & Infotainment Application in RoW, By Region, 2014-2022 (Thousand Units)
Table 44 Connected Car Market, By Region, 2014-2022 (Thousand Units)
Table 45 Connected Car Market in North America, By Country, 2014-2022 (Thousand Units)
Table 46 Market in the U.S., By Application, 2014-2022 (Thousand Units)
Table 47 Market in Canada, By Application, 2014-2022 (Thousand Units)
Table 48 Market in Mexico, By Application, 2014-2022 (Thousand Units)
Table 49 Market in Europe, By Country, 2014-2022 (Thousand Units)
Table 50 Market in Germany, By Application, 2014-2022 (Thousand Units)
Table 51 Market in U.K., By Application, 2014-2022 (Thousand Units)
Table 52 Market in France, By Application, 2014-2022 (Thousand Units)
Table 53 Market in Russia, By Application, 2014-2022 (Thousand Units)
Table 54 Connected Car Market in Italy, By Application, 2014-2022 (Thousand Units)
Table 55 Market in Spain, By Application, 2014-2022 (Thousand Units)
Table 56 Market in Rest of Europe, By Application, 2014-2022 (Thousand Units)
Table 57 Market in Asia Pacific, By Country, 2014-2022 (Thousand Units)
Table 58 Market in China, By Application, 2014-2022 (Thousand Units)
Table 59 Market in Japan, By Application, 2014-2022 (Thousand Units)
Table 60 Market in South Korea, By Application, 2014-2022 (Thousand Units)
Table 61 Market in India, By Application, 2014-2022 (Thousand Units)
Table 62 Market in Rest of APAC, By Application, 2014-2022 (Thousand Units)
Table 63 Market in RoW, By Region, 2014-2022 (Thousand Units)
Table 64 Market in South America, By Application, 2014-2022 (Thousand Units)
Table 65 Market in Middle East & South Africa, By Application, 2014-2022 (Thousand Units)
Table 66 Top 5 Players in the Connected Car Market, 2016
Table 67 New Product Launches and Developments, 2014-2016
Table 68 Partnerships, Collaborations, and Agreements, 2016
Table 69 Mergers and Acquisitions, 2015-2016
Table 70 Other Developments, 2014-2016

List of Figures
Figure 1 Connected Car Market Segmentation
Figure 2 Connected Car Market: Research Design
Figure 3 Process Flow of Market Size Estimation
Figure 4 Market Size Estimation Methodology: Bottom-Up Approach
Figure 5 Market Size Estimation Methodology: Top-Down Approach
Figure 6 Data Triangulation
Figure 7 Connected Car Market, By Hardware, 2016 vs 2022
Figure 8 Market, By Application, 2016 vs 2022
Figure 9 Market, By Region, 2015
Figure 10 Market Expected to Grow at A High Rate Between 2016 and 2022
Figure 11 Semiconductor Component is Expected to Have the Largest Market Share During the Forecast Period
Figure 12 Bluetooth ICS Expected to Hold the Largest Share of Connected Car Market for Connectivity ICS During the Forecast Period
Figure 13 Combined Telematics & Infotainment Application Held the Largest Share of the Connected Car Market in 2015
Figure 14 China & India Expected to Grow at the Highest Rate in Connected Car Market Between 2016 and 2022
Figure 15 Evolution of Connected Car
Figure 16 Regularity Mandates on Some Connected Car Modules and Growing Demand for Smartphone Features Inside the Car are Propelling the Growth of the Connected Car Market
Figure 17 Connected Car Market Value Chain
Figure 18 The Porter's Five Forces Analysis, 2015
Figure 19 Graphical Representation of the Porter's Five Forces Analysis, 2015
Figure 20 Threat of New Entrants
Figure 21 Threat of Substitutes
Figure 22 Bargaining Power of Suppliers
Figure 23 Bargaining Power of Buyers
Figure 24 Intensity of Competitive Rivalry
Figure 25 Applications of 5G in Connected Car Industry
Figure 26 U.S. Held the Largest Share for Semiconductor Components in the Connected Car Market in 2016
Figure 27 Spain to Grow at Highest Rate in the Connected Car Market for Microcontrollers in Europe
Figure 28 South America Held the Largest Share for Microcontroller Components in RoW Connected Car Market in 2016
Figure 29 China to Grow at Highest Rate in the Connected Car Market for FPGA in APAC During 2016-2022
Figure 30 APAC to Grow at Highest Rate in the Connected Car Market for DSP During 2016-2022
Figure 31 Bluetooth Connectivity Expected to Hold the Largest Size of the Connected Car Market for Connectivity ICS Between 2016 and 2022
Figure 32 Connected Car Market Segmentation, By Application
Figure 33 Telematics is Expected to Grow at Fastest Rate in Connected Car Market in Mexico During the Forecast Period
Figure 34 Connected Car Market in South America for Telematics Application has the Largest Share in Rest of the World
Figure 35 Market in India for Infotainment Application Expected to Grow at the Highest Rate During the Forecast Period
Figure 36 Market in U.S. for Combined Telematics & Infotainment Application Held the Largest Market Share in 2016 in North America
Figure 37 Market Segmentation, By Region
Figure 38 Market in China & India Expected to Grow at the Highest Rate Between 2016 and 2022
Figure 39 North America: Connected Car Market Snapshot
Figure 40 Europe: Connected Car Market Snapshot
Figure 41 Connected Car Market in Russia for Combined Telematics & Infotainment Application Held the
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