

# The Connected Car Ecosystem: 2016 – 2030 – Opportunities, Challenges, Strategies & Forecasts

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## Abstracts

The growing proliferation of embedded in-vehicle connectivity and smartphone integration platforms has made connected cars one of the fastest growing segments of the IoT (Internet of Things) market. Keen to establish recurring post-sale service revenue streams, all major automotive OEMs are investing in connected car programs. Other ecosystem players, such as mobile operators and telematics specialists, are also vying to gain a larger share of the opportunity. In fact, many mobile operators have expanded beyond their traditional role as connectivity providers, to offer end-to-end connected car platforms directly to automotive OEMs and aftermarket suppliers.

By the end of 2016, SNS Research estimates that connected car services will account for \$14 Billion in annual revenue, driven by a host of applications, including but not limited to infotainment, navigation, fleet management, remote diagnostics, automatic crash notification, enhanced safety, UBI (Usage Based Insurance), traffic management and semi-autonomous driving.

The 'Connected Car Ecosystem: 2016 – 2030 – Opportunities, Challenges, Strategies & Forecasts' report presents an in-depth assessment of the connected car ecosystem including OEM connected car programs, enabling technologies, key trends, market drivers, challenges, applications, collaborative initiatives, regulatory landscape, standardization, opportunities, future roadmap, value chain, ecosystem player profiles and strategies. The report also presents market size forecasts for connected car services from 2016 through to 2030. The forecasts are segmented for 3 connectivity models, 5 application categories, 5 regions and 17 leading countries.

The report comes with an associated Excel datasheet suite covering quantitative data from all numeric forecasts presented in the report.

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- 6.68 FAW Group Corporation
- 6.69 FCA (Fiat Chrysler Automobiles)
- 6.70 FEV Group
- 6.71 Flextronics International
- 6.72 Ford Motor Company
- 6.73 Franklin Wireless
- 6.74 Frontier Silicon
- 6.75 Fujitsu Semiconductor
- 6.76 Fujitsu Ten
- 6.77 GAIG (Guangzhou Automobile Industry Group)
- 6.78 Garmin
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- 6.80 Gemalto
- 6.81 Gett
- 6.82 GM (General Motors Company)
- 6.83 Google
- 6.84 H&D Wireless

- 6.85 Harman International Industries
- 6.86 Hawtai Motor Group
- 6.87 HERE
- 6.88 Hitachi
- 6.89 Honda Motor Company
- 6.90 HSC (Hughes Systique)
- 6.91 HTC Corporation
- 6.92 Huawei
- 6.93 Hyundai Motor Company
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21VIANET GROUP  
3GPP (3RD GENERATION PARTNERSHIP PROJECT)  
Abalta Technologies  
Accenture  
Acura  
Aeris Communications  
Agero  
Airbiquity  
Alcatel-Lucent  
Alibaba Group  
Alliance of Automobile Manufacturers  
Allstate Insurance Company  
Alpine Electronics  
Altera Corporation

Amdocs  
América Móvil  
Analog Devices  
AppCarousel  
AppDirect  
Apple  
Arada Systems  
ARIB (Association of Radio Industries and Businesses, Japan)  
Arynga  
Association of Global Automakers  
AT&T  
AT&T Mobility  
ATIS (Alliance for Telecommunications Industry Solutions, U.S.)  
Atmel Corporation  
Atos  
Audi  
Autologic  
Automatic Labs  
AutoNavi Software  
Autonet Mobile  
Autotalks  
AVnu Alliance  
Azuga  
B&B Electronics  
Baidu  
BlackBerry  
BMW  
Bosch  
Bosch SoftTec  
Bosch Software Innovations  
Bouygues Group  
Bouygues Telecom  
Bright Box  
Broadcom  
BYD Auto  
C2C-CC (CAR 2 CAR Communication Consortium)  
Cadillac  
CalAmp  
CCC (Car Connectivity Consortium)

CCSA (China Communications Standards Association)  
CEN (European Committee for Standardization)  
CenNavi Technologies  
Changan Automobile Company  
Chery  
China Mobile  
China Telecom  
China TSP  
China Unicom  
Cisco Systems  
Clarion  
Claro  
CloudCar  
CloudMade  
Cobra Automotive Technologies  
Cohda Wireless  
Comtech TCS  
Connect One  
Connexis  
Continental  
Covisint  
Cox Automotive  
Coyote Systems  
CPIC (China Pacific Insurance Group)  
CSR  
Cubic Telecom  
Daimler  
deCarta  
Delphi  
DENATRAN (National Road Transport Department, Brazil)  
Denso Corporation  
DGE  
Digi International  
Digia  
Dongfeng Motor Corporation  
DT (Deutsche Telekom)  
DTS  
EDGE3 Technologies  
Elektrobit

eMapgo  
Ericsson  
ETSI (European Telecommunications Standards Institute)  
European Commission  
FAW Group Corporation  
FCA (Fiat Chrysler Automobiles)  
FEV Group  
Flextronics International  
Ford Motor Company  
Franklin Wireless  
Freescale Semiconductor  
Frontier Silicon  
Fuji Heavy Industries  
Fujitsu Semiconductor  
Fujitsu Ten  
GAIG (Guangzhou Automobile Industry Group)  
Garmin  
Geely (Zhejiang Geely Holding Group)  
Gemalto  
GENIVI Alliance  
Gett  
GM (General Motors Company)  
Google  
GSMA  
H&D Wireless  
Harman International Industries  
Hawtai Motor Group  
HDS (Hitachi Data Systems)  
HERE  
Hitachi  
Honda Motor Company  
HTC Corporation  
Huawei  
Hughes Telematics  
Hyundai Motor Company  
iBiquity Digital Corporation  
IBM  
IEEE (Institute of Electrical and Electronics Engineers)  
iHeartMedia

IMS (Intelligent Mechatronic Systems)  
Infineon Technologies  
Infiniti  
Ingenie  
INRIX  
INSYS Microelectronics  
Intel Corporation  
Inthinc Technology Solutions  
Inventek Systems  
ip-label  
ISO (International Organization for Standardization)  
ITS America (Intelligent Transportation Society of America)  
ITS Australia (Intelligent Transport Systems Australia)  
ITS Japan  
ITU (International Telecommunications Union)  
iWOW Connections  
Ixonos  
Jaguar Land Rover  
Jasper Technologies  
Johnson Controls  
JVCKENWOOD Corporation  
Kapsch TrafficCom  
Karamba Security  
KDDI Corporation  
Kia Motors Corporation  
KORE Wireless Group  
KPN  
KT Corporation  
Laird  
Lantronix  
Lesswire  
Lexus  
LG Electronics  
LG Group  
LG Uplus  
Lincoln Motor Company  
Linux Foundation  
LoJack  
LS Research

Magellan  
Magneti Marelli  
Mahindra and Mahindra  
MasterCard  
Mazda Motor Corporation  
Mercedes Benz  
MIC (MiTAC International Corporation)  
Michelin  
Microchip Technology  
Microsoft Corporation  
Microtronics  
Minacs  
Mio Technology  
Mitsubishi Electric Corporation  
Mitsubishi Motors Corporation  
Mobileye  
Modacom  
Mojo  
MOSTCO (MOST Cooperation)  
Movistar  
Multi-Tech Systems  
Murata Manufacturing  
NEC Corporation  
Neoway  
Netsize  
Nissan Motor Company  
NNG  
Nokia  
Novatel Wireless  
Novero  
NTT DoCoMo  
Nuance Communications  
nuTonomy  
Nvidia Corporation  
NXP Semiconductors  
OAA (Open Automotive Alliance)  
Octo Telematics  
ON Semiconductor  
OneM2M

OnStar Corporation  
OPEN Alliance SIG (Special Industry Group)  
OpenCar  
Openmatics  
Option NV  
Oracle  
Orange  
ORBCOMM  
Panasonic Corporation  
Pandora Media  
Parrot  
Pateo Corporation  
Peiker  
Pioneer Corporation  
Pivotal Software  
Powermat Technologies  
PSA Peugeot Citroen  
QiMing Information Technology  
QNX Software Systems  
Qoros Automotive  
Qt Company  
Quake Global  
Qualcomm  
Quectel Wireless Solutions  
RacoWireless  
RealVNC  
Redbend  
Redpine Signals  
Renault (Groupe Renault)  
Renesas Electronics Corporation  
Robert Bosch Car Multimedia  
Rogers Communications  
ROHM Semiconductor  
RSA Insurance Group  
RTX A/S  
SAIC Motor Corporation  
Samsung Electronics  
SAP  
Savari

Scania  
SEAT  
Seeing Machines  
Sierra Wireless  
Silicon Laboratories  
SIMCom Wireless Solutions  
SiriusXM Radio  
SK Group  
SK Telecom  
Skoda Auto  
SkyWave Mobile Communications  
SoftBank Corporation  
SoftBank Mobile Corporation  
Sony Corporation  
Sony Mobile Communications  
Spirent Communications  
Spireon  
Sprint Corporation  
STMicroelectronics  
Subaru  
Summit Tech  
Suzuki Motor Corporation  
Symphony Teleca  
Synchronoss Technologies  
TagStation  
Tata Motors  
Tech Mahindra  
Tele2  
Telecom Italia  
Telefónica  
Telenav  
Telenor Connexion  
Telenor Group  
Teletrac Navman Group  
Telit Communications  
Telogis  
Telstra Corporation  
Tesla Motors  
TEXA



TI (Texas Instruments)  
TIA (Telecommunications Industry Association, U.S.)  
TIM (Telecom Italia Mobile)  
TimaNetworks  
Tobii Technology  
TomTom  
TomTom Telematics  
Toshiba Corporation  
Toumaz Group  
TowerSec  
Toyota Motor Corporation  
TRA (UAE Telecommunications Regulatory Authority)  
Trafficware  
T-Systems  
TTA (Telecommunications Technology Association, Korea)  
TTC (Telecommunication Technology Committee, Japan)  
U.S. DOT (Department of Transport)  
U.S. NHTSA (National Highway Traffic Safety Administration)  
Uber  
U-blox  
Ubridge  
UIEvolution  
Valeo  
Vehcon  
Veniam  
Verizon Communications  
Verizon Telematics  
Verizon Wireless  
Vinli  
Visa  
Visteon Corporation  
Vodafone Automotive  
Vodafone Group  
VoiceBox Technologies Corporation  
Volkswagen  
Volvo  
W3C (World Wide Web Consortium)  
Wind River  
Wireless Logic

WirelessCar  
WiSeKey  
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