

Automotive Cyber Security - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/A449F81EFEFEN.html>

Date: July 2019

Pages: 162

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

ID: A449F81EFEFEN

Abstracts

According to Statistics MRC, the Global Automotive Cyber Security Market is accounted for \$1.09 billion in 2017 and is expected to reach \$6.81 billion by 2026 growing at a CAGR of 22.6% during the forecast period. Some of the key factors influencing the market are increasing amount of vehicle electronics and the growing adoption of advanced vehicle technologies. However, high installation cost of cyber security solutions and the high price of connected vehicles in which these security solutions are installed restricts the market growth of automotive cyber security market.

Security in automotive industry have grown along with autonomous vehicles and connected cars. This results in the increase in the level of cyber-attacks in the automotive industry. The vehicle comprising of various electrical components that are connected by means of an internal network is easily accessible to hackers. The hackers could take complete control on safety of critical components such as engines or brakes by gaining access to a peripheral electronic control unit.

On the basis of electric vehicle, hybrid electric vehicle (HEV) segment has a growing prominence because, as this vehicle combines a conventional internal combustion engine (ICE) system with an electric propulsion system. The presence of the electric powertrain is intended to achieve either better fuel economy than a conventional vehicle or better performance.

By Geography, Asia Pacific is anticipated to exhibit the considerable growth due to the increasing vehicle production, changing in-vehicle electronic architecture, increasing in-vehicle services connected to the external cloud, and expansion of leading OEMs amongst automotive component suppliers. The market growth in this region can also be attributed to the increasing sales of connected vehicles and government initiatives

regarding the use of environment-friendly electric vehicles.

Some of the key players in Global Automotive Cyber Security market are Aptiv, Continental AG, Denso Corporation, Escrypt GmbH, Guardknox Cyber Technologies Ltd., Harman International, Honeywell International Inc., Karamba Security, NXP, Robert Bosch GmbH, Saferide Technologies Ltd, Symantec Corporation, Trillium Secure Inc. and Vector Informatik GmbH.

Forms Covered:

External Cloud Services

In-Vehicle

Vehicles Covered:

Commercial Vehicle

Passenger Car

Electric Vehicles Covered:

Plug-In Hybrid Electric Vehicle (PHEV)

Hybrid Electric Vehicle (HEV)

Battery Electric Vehicle (BEV)

Securities Covered:

Application Security

Cloud Security

Endpoint Security

Hardware Security

Network Security

Wireless Network Security

Other Security

Components Covered:

Hardware

Software

Services

Applications Covered:

Advanced Driver Assistance Systems (ADAS) & Safety System

Body Control & Comfort System

Communication System

Infotainment System

On-board diagnostic (OBD)

Powertrain System

Safety systems

Telematics System

Other Applications

Technologies Covered:

Consulting

Integration

Managed Security

Unified Threat Management

Other Technology

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 Application Analysis
- 3.7 Technology Analysis
- 3.8 Emerging Markets
- 3.9 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 CYBER SECURITY MARKET, BY FORM

- 5.1 Introduction
- 5.2 External Cloud Services
- 5.3 In-Vehicle

6 GLOBAL AUTOMOTIVE CYBER SECURITY MARKET, BY VEHICLE

- 6.1 Introduction
- 6.2 Commercial Vehicle
- 6.3 Passenger Car

7 GLOBAL AUTOMOTIVE CYBER SECURITY MARKET, BY ELECTRIC VEHICLE

- 7.1 Introduction
- 7.2 Plug-In Hybrid Electric Vehicle (PHEV)
- 7.3 Hybrid Electric Vehicle (HEV)
- 7.4 Battery Electric Vehicle (BEV)

8 GLOBAL AUTOMOTIVE CYBER SECURITY MARKET, BY SECURITY

- 8.1 Introduction
- 8.2 Application Security
- 8.3 Cloud Security
- 8.4 Endpoint Security
- 8.5 Hardware Security
- 8.6 Network Security
- 8.7 Wireless Network Security
- 8.8 Other Security

9 GLOBAL AUTOMOTIVE CYBER SECURITY MARKET, BY COMPONENT

- 9.1 Introduction
- 9.2 Hardware
- 9.3 Software
 - 9.3.1 Identify and Access Management
 - 9.3.2 Security and Vulnerability Management
- 9.4 Services

10 GLOBAL AUTOMOTIVE CYBER SECURITY MARKET, BY APPLICATION

- 10.1 Introduction
- 10.2 Advanced Driver Assistance Systems (ADAS) & Safety System
- 10.3 Body Control & Comfort System
- 10.4 Communication System
- 10.5 Infotainment System
- 10.6 On-board diagnostic (OBD)
- 10.7 Powertrain System
- 10.8 Safety systems
- 10.9 Telematics System
- 10.10 Other Applications

11 GLOBAL AUTOMOTIVE CYBER SECURITY MARKET, BY TECHNOLOGY

- 11.1 Introduction
- 11.2 Consulting
- 11.3 Integration
- 11.4 Managed Security
- 11.5 Unified Threat Management
- 11.6 Other Technology

12 GLOBAL AUTOMOTIVE CYBER SECURITY MARKET, BY GEOGRAPHY

- 12.1 Introduction
- 12.2 North America
 - 12.2.1 US
 - 12.2.2 Canada
 - 12.2.3 Mexico
- 12.3 Europe
 - 12.3.1 Germany
 - 12.3.2 UK
 - 12.3.3 Italy
 - 12.3.4 France
 - 12.3.5 Spain
 - 12.3.6 Rest of Europe
- 12.4 Asia Pacific
 - 12.4.1 Japan
 - 12.4.2 China

- 12.4.3 India
- 12.4.4 Australia
- 12.4.5 New Zealand
- 12.4.6 South Korea
- 12.4.7 Rest of Asia Pacific
- 12.5 South America
 - 12.5.1 Argentina
 - 12.5.2 Brazil
 - 12.5.3 Chile
 - 12.5.4 Rest of South America
- 12.6 Middle East & Africa
 - 12.6.1 Saudi Arabia
 - 12.6.2 UAE
 - 12.6.3 Qatar
 - 12.6.4 South Africa
 - 12.6.5 Rest of Middle East & Africa

13 KEY DEVELOPMENTS

- 13.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 13.2 Acquisitions & Mergers
- 13.3 New Product Launch
- 13.4 Expansions
- 13.5 Other Key Strategies

14 COMPANY PROFILING

- 14.1 Aptiv
- 14.2 Continental AG
- 14.3 Denso Corporation
- 14.4 Escrypt GmbH
- 14.5 Guardknox Cyber Technologies Ltd.
- 14.6 Harman International
- 14.7 Honeywell International Inc.
- 14.8 Karamba Security
- 14.9 NXP
- 14.10 Robert Bosch GmbH
- 14.11 Saferide Technologies Ltd
- 14.12 Symantec Corporation

14.13 Trillium Secure Inc.

14.14 Vector Informatik GmbH

List Of Tables

LIST OF TABLES

- 1 Global Automotive Cyber Security Market Outlook, By Region (2016-2026) (US \$MN)
- 2 Global Automotive Cyber Security Market Outlook, By Form (2016-2026) (US \$MN)
- 3 Global Automotive Cyber Security Market Outlook, By External Cloud Services (2016-2026) (US \$MN)
- 4 Global Automotive Cyber Security Market Outlook, By In-Vehicle (2016-2026) (US \$MN)
- 5 Global Automotive Cyber Security Market Outlook, By Vehicle (2016-2026) (US \$MN)
- 6 Global Automotive Cyber Security Market Outlook, By Commercial Vehicle (2016-2026) (US \$MN)
- 7 Global Automotive Cyber Security Market Outlook, By Passenger Car (2016-2026) (US \$MN)
- 8 Global Automotive Cyber Security Market Outlook, By Electric Vehicle (2016-2026) (US \$MN)
- 9 Global Automotive Cyber Security Market Outlook, By Plug-In Hybrid Electric Vehicle (PHEV) (2016-2026) (US \$MN)
- 10 Global Automotive Cyber Security Market Outlook, By Hybrid Electric Vehicle (HEV) (2016-2026) (US \$MN)
- 11 Global Automotive Cyber Security Market Outlook, By Battery Electric Vehicle (BEV) (2016-2026) (US \$MN)
- 12 Global Automotive Cyber Security Market Outlook, By Security (2016-2026) (US \$MN)
- 13 Global Automotive Cyber Security Market Outlook, By Application Security (2016-2026) (US \$MN)
- 14 Global Automotive Cyber Security Market Outlook, By Cloud Security (2016-2026) (US \$MN)
- 15 Global Automotive Cyber Security Market Outlook, By Endpoint Security (2016-2026) (US \$MN)
- 16 Global Automotive Cyber Security Market Outlook, By Hardware Security (2016-2026) (US \$MN)
- 17 Global Automotive Cyber Security Market Outlook, By Network Security (2016-2026) (US \$MN)
- 18 Global Automotive Cyber Security Market Outlook, By Wireless Network Security (2016-2026) (US \$MN)
- 19 Global Automotive Cyber Security Market Outlook, By Other Security (2016-2026) (US \$MN)

- 20 Global Automotive Cyber Security Market Outlook, By Component (2016-2026) (US \$MN)
- 21 Global Automotive Cyber Security Market Outlook, By Hardware (2016-2026) (US \$MN)
- 22 Global Automotive Cyber Security Market Outlook, By Software (2016-2026) (US \$MN)
- 23 Global Automotive Cyber Security Market Outlook, By Identify and Access Management (2016-2026) (US \$MN)
- 24 Global Automotive Cyber Security Market Outlook, By Security and Vulnerability Management (2016-2026) (US \$MN)
- 25 Global Automotive Cyber Security Market Outlook, By Services (2016-2026) (US \$MN)
- 26 Global Automotive Cyber Security Market Outlook, By Application (2016-2026) (US \$MN)
- 27 Global Automotive Cyber Security Market Outlook, By Advanced Driver Assistance Systems (ADAS) & Safety System (2016-2026) (US \$MN)
- 28 Global Automotive Cyber Security Market Outlook, By Body Control & Comfort System (2016-2026) (US \$MN)
- 29 Global Automotive Cyber Security Market Outlook, By Communication System (2016-2026) (US \$MN)
- 30 Global Automotive Cyber Security Market Outlook, By Infotainment System (2016-2026) (US \$MN)
- 31 Global Automotive Cyber Security Market Outlook, By On-board diagnostic (OBD) (2016-2026) (US \$MN)
- 32 Global Automotive Cyber Security Market Outlook, By Powertrain System (2016-2026) (US \$MN)
- 33 Global Automotive Cyber Security Market Outlook, By Safety systems (2016-2026) (US \$MN)
- 35 Global Automotive Cyber Security Market Outlook, By Telematics System (2016-2026) (US \$MN)
- 36 Global Automotive Cyber Security Market Outlook, By Other Applications (2016-2026) (US \$MN)
- 37 Global Automotive Cyber Security Market Outlook, By Technology (2016-2026) (US \$MN)
- 38 Global Automotive Cyber Security Market Outlook, By Consulting (2016-2026) (US \$MN)
- 39 Global Automotive Cyber Security Market Outlook, By Integration (2016-2026) (US \$MN)
- 40 Global Automotive Cyber Security Market Outlook, By Managed Security

(2016-2026) (US \$MN)

41 Global Automotive Cyber Security Market Outlook, By Unified Threat Management

(2016-2026) (US \$MN)

42 Global Automotive Cyber Security Market Outlook, By Other Technology

(2016-2026) (US \$MN)

Note: The 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 Cyber Security - Global Market Outlook (2017-2026)

Product link: <https://marketpublishers.com/r/A449F81EFEFEN.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/A449F81EFEFEN.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