

# Automotive Cybersecurity Market Size, Share, and Trends Across Offering, Security Type, Application (2021-2030)

PORTLAND, OREGAON, UNITED STATES, April 23, 2024 /EINPresswire.com/ -- According to a recent report published by Allied Market Research, titled, "[Automotive Cybersecurity Market Size](#) by Offering, Security Type, Application, and Form: Global Opportunity Analysis and Industry Forecast, 2021–2030," the global [Automotive Cybersecurity market](#) was valued at \$7.23 billion in 2020, and is projected to reach \$32.41 billion by 2030, registering a CAGR of 16.6%.



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The Allied Market Research report analyzes the competitive scenario of the domain using sophisticated analytical tools such as Porter's five forces which help companies to chalk out strategies accordingly. Furthermore, the report also throws light on the market drivers, restraints, and opportunities in the industry, at both domestic and international levels, which aids businesses in getting a complete picture of the sector.

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- Robert Bosch GmbH
- APTIV PLC
- HARMAN International
- DENSO CORPORATION
- GUARDKNOX
- Arilou Automotive Cybersecurity

Karamba Security  
Vector Informatik GmbH  
Continental AG  
SafeRide Technologies

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The automobile sector has witnessed a major transformation in recent years with the growing integration of smart technologies in automobiles. Along with this, there is a heightened demand for connected vehicles that can allow for data transfer over the network. As a result of these trends, the demand for automotive cybersecurity has increased which is anticipated to help the market grow in the 2021-2030 period.

Moreover, several governments across the globe have launched initiatives that look to implement connected car technologies. These governments have also launched mandatory cybersecurity standards for automobile manufacturers which must be adhered to while launching connected car technologies. These mandatory automotive cybersecurity standards are also expected to aid the market flourish in the coming period. Additionally, the rising complexity of automobile electronic systems has led to the growing demand for automobile security using adaptive security technologies. This will further strengthen the position of the industry in the forecast timeframe.

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Just like most other sectors, Artificial Intelligence is expected to play a vital role in the evolution of automotive systems including [automotive cybersecurity technology](#). AI and machine learning help automobile systems to analyze the patterns and predict new threats to the system, especially in the case of connected cars. AI can, thus, enhance the capabilities of vehicle-to-vehicle encryption technology, thereby helping these systems to block unauthorized access.

Furthermore, the use of blockchain technology is another trend that has been witnessed in the automobile manufacturing sector. The adoption of blockchain technology is mainly to establish secure data transfer channels to ensure that the information shared between vehicles isn't tampered with. Along with this, there is an increasing integration of technologies such as biometric authentication using physical characteristics like fingerprints or facial recognition for offering secure access to automobiles. Moreover, the use of behavioral analysis for identifying the irregularities in driving patterns is also an important development in this domain.

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The market research report classifies the global automotive cybersecurity market on the lines of

offering, security type, application, form, and region. To provide a holistic overview of the industry, the report analyzes each of these segments and offers growth drivers for each of their sub-segments.

Based on the offering, the industry is segmented into software and hardware. On the other hand, the security type segment is classified into application security, network security, and endpoint security. The application segment of the market is divided into sub-segments such as ADAS & safety, body control & comfort, infotainment, telematics, powertrain systems, and communication systems. Similarly, the form segment consists of in-vehicle and external cloud services sub-segments. As part of the regional analysis, the market is studied across major regions across the globe including North America, Europe, Asia-Pacific, and LAMEA.

For more information on this report, please visit : <https://www.alliedmarketresearch.com/purchase-enquiry/9266>

What are the latest developments in the automotive cybersecurity industry?

What are the latest developments in the automotive cybersecurity industry?

Which is the most influencing segment growing in the industry?

What are the key strategies adopted by the top players to increase their revenue in the industry?

How much is the automotive cybersecurity industry worth?

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