+357 96 030922
info@marketpublishers.com

Cybersecurity for Autonomous Vehicles Market By Security Type (Application Security, Network Security, Endpoint Security) , By Form (In-vehicle cybersecurity, External cloud cybersecurity) By Type (Commercial, Passenger) By Application (ADAS & Safety, Body Control & Comfort, Infotainment, Telematics, Powertrain Systems, Communication System) : Global Opportunity Analysis and Industry Forecast, 2024-2032

https://marketpublishers.com/r/C76046601C37EN.html
Date: November 2024
Pages: 221
Price: US$ 2,601.00 (Single User License)
ID: C76046601C37EN

Abstracts

Cybersecurity for Autonomous Vehicles Market

The cybersecurity for autonomous vehicles market was valued at $356.0 million in 2023 and is projected to reach $2330.2 million by 2032, growing at a CAGR of 22.9% from 2024 to 2032.

An autonomous vehicle is a self-driving automobile that requires no human input for its operation. Cybersecurity is a crucial aspect of autonomous vehicles as they remain heavily dependent on connected technologies. From sensors to cameras, each component requires complex communication networks to drive the vehicle, making it significantly vulnerable to cyber threats. Manufacturers incorporate robust cybersecurity measures such as encryption and multi-layered authentication in the vehicle to detect intrusion and ensure the safety of passengers & pedestrians.

As the adoption of autonomous vehicles is increasing in commercial and personal transportation, the growth of the cybersecurity for autonomous vehicles market is being

+357 96 030922
info@marketpublishers.com

driven significantly. In addition, the stringent regulatory environment established by organizations such as the General Data Protection Regulation and the U.S. National Highway Traffic Safety Administration, to ensure safety of the public using autonomous vehicles is augmenting the market growth. The integration of vehicle-to-everything (V2X) communication systems into autonomous vehicles is a prominent trend acquiring traction in the market in recent times. V2X technology enhances public & vehicle safety by facilitating the communication of autonomous vehicles with other automobiles, infrastructure, and cloud services.

However, the rapidly evolving nature of cyberattacks results in new vulnerabilities for autonomous vehicles, which restrains the growth of the market. Moreover, lack of universally acceptable cybersecurity standards & guidelines leads to market fragmentation and hampers the market development. On the contrary, rise in the use of data anonymization technology to safeguard against evolving cyberattacks is expected to present remunerative opportunities for the cybersecurity for autonomous vehicles market. For instance, to support the launch of smart autonomous vehicles in the industry, an Indian multinational technology company, Infosys has developed an Infosys Cyber Security Platform that safeguards the telematics and sensor data of vehicles via anonymization & aggregation. The ability of data anonymization technology to disrupt or strip identifiable details before being processed or shared reduces the risk of privacy breaches, hence opening new avenues for the market.

Segment Review

The cybersecurity for autonomous vehicles market is segmented into security type, form, type, application, and region. On the basis of security type, the market is divided into application security, network security, and endpoint security. According to form, it is bifurcated into in-vehicle cybersecurity and external cloud cybersecurity. Depending on type, it is classified into commercial and passenger. By application, it is categorized into ADAS & safety, body control & comfort, infotainment, telematics, powertrain systems, and communication system. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key Findings

On the basis of security type, the network security segment is expected to dominate the market during the forecast period.

According to form, the external cloud cybersecurity segment is projected to be the

+357 96 030922
info@marketpublishers.com

highest shareholder by 2032.

Depending on type, the commercial segment is anticipated to account for the highest market share from 2024 to 2032.

By application, the ADAS & safety segment is predicted to garner a notable market share during the forecast period.

Region wise, Asia-Pacific was the highest revenue generator in 2023.

Competition Analysis

The major players in the global cybersecurity for autonomous vehicles market include Argus Cyber Security, HARMAN International, GuardKnox, Karamba Security, Symantec Corporation, Trend Micro, Upstream Security, Cisco Systems, Inc., Trillium Secure, Inc., and SafeRide Technologies. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships to strengthen their foothold in the competitive market.

Additional benefits you will get with this purchase are:

Quarterly Update and* (only available with a corporate license, on listed price)

5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.

Free Upcoming Version on the Purchase of Five and Enterprise User License.

16 analyst hours of support* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting to 16 analyst hours to solve questions, and post-sale queries)

15% Free Customization* (in case the scope or segment of the report does not match your requirements, 15% is equivalent to 3 working days of free work, applicable once)

Free data Pack on the Five and Enterprise User License. (Excel version of the report)

+357 96 030922
info@marketpublishers.com

Free Updated report if the report is 6-12 months old or older.

24-hour priority response*

Free Industry updates and white papers.

Possible Customization with this report (with additional cost and timeline, please talk to the sales executive to know more)

End user preferences and pain points

Industry life cycle assessment, by region

Product Benchmarking / Product specification and applications

Product Life Cycles

Scenario Analysis & Growth Trend Comparison

Technology Trend Analysis

Go To Market Strategy

Market share analysis of players by products/segments

New Product Development/ Product Matrix of Key Players

Pain Point Analysis

Regulatory Guidelines

Strategic Recommendations

Additional company profiles with specific to client's interest

Additional country or region analysis- market size and forecast

Brands Share Analysis

+357 96 030922
info@marketpublishers.com

- Criss-cross segment analysis- market size and forecast
- Expanded list for Company Profiles
- Historic market data
- SWOT Analysis

Key Market Segments

By Security Type

- Application Security
- Network Security
- Endpoint Security

By Form

- In-vehicle cybersecurity
- External cloud cybersecurity

By Type

- Commercial
- Passenger

By Application

- ADAS Safety

+357 96 030922
info@marketpublishers.com

Body Control Comfort

Infotainment

Telematics

Powertrain Systems

Communication System

By Region

North America

U.S.

Canada

Europe

France

Germany

Italy

Spain

UK

Rest of Europe

Asia-Pacific

China

Japan

+357 96 030922
info@marketpublishers.com

India

South Korea

Australia

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

Key Market Players

Argus Cyber Security

HARMAN International

GuardKnox

Karamba Security

Symantec Corporation

Trend Micro

Upstream Security

Cisco Systems, Inc

Trillium Secure, Inc.

SafeRide Technologies

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

CHAPTER 5: CYBERSECURITY FOR AUTONOMOUS VEHICLES MARKET, BY FORM

CHAPTER 6: CYBERSECURITY FOR AUTONOMOUS VEHICLES MARKET, BY TYPE

+357 96 030922
info@marketpublishers.com

CHAPTER 7: CYBERSECURITY FOR AUTONOMOUS VEHICLES MARKET, BY APPLICATION

CHAPTER 8: CYBERSECURITY FOR AUTONOMOUS VEHICLES MARKET, BY REGION

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

CHAPTER 9: COMPETITIVE LANDSCAPE

+357 96 030922
info@marketpublishers.com

CHAPTER 10: COMPANY PROFILES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Cybersecurity for Autonomous Vehicles Market By Security Type (Application Security, Network Security, Endpoint Security) , By Form (In-vehicle cybersecurity, External cloud cybersecurity) By Type (Commercial, Passenger) By Application (ADAS & Safety, Body Control & Comfort, Infotainment, Telematics, Powertrain Systems, Communication System) : Global Opportunity Analysis and Industry Forecast, 2024-2032

Product link: https://marketpublishers.com/r/C76046601C37EN.html

Price: US$ 2,601.00 (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/C76046601C37EN.html