

V2X Cybersecurity Market By Unit Type (On-Board Unit, Roadside Unit), By Vehicle Type (Passenger Car, Light Commercial Vehicle, Heavy Commercial Vehicle), By Propulsion Type (ICE, Electric and Hybrid, Others), By Communication (Vehicle-To-Vehicle, Vehicle-To-Infrastructure, Vehicle-To-Grid, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

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Report description:

Vehicle-to-everything (V2X) refers as a wireless technology used to exchange data between vehicle and surroundings. V2X communications system improves the driver awareness about upcoming potential dangers and collision avoidance which might result into severe fatalities or injuries. Moreover, it facilitates communication between roadside units and traffic monitoring which delivers warning about hazardous situations. With the advancement in vehicle communication system, the vehicles are becoming vulnerable to the cyber threats. The V2X cybersecurity solutions protect vehicle, connected infrastructure, communication networks, software, users, and underlying data against malicious attacks, damage, illegal access, or manipulation.

V2X cybersecurity market is segmented on the basis of unit type, vehicle type, propulsion type, communication, and region. On the basis of unit type, it is divided into on-board unit, and roadside unit. By vehicle type, it is segmented into passenger car, light commercial vehicle, and heavy commercial vehicle. By propulsion type, it is divided into ice, electric & hybrid, and others. By communication, it is divided into Vehicle-To-Vehicle (V2V), Vehicle-To-Infrastructure (V2I), Vehicle-To-Grid (V2G), and Others. By region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The growth drivers, restraints, and opportunities are explained in the report to better understand the market dynamics. This report further highlights key areas of investments. In addition, it includes Porter's five forces analysis to understand competitive scenario of the industry and role of each stakeholder. The report features strategies adopted by key market players to maintain their foothold in the market. Furthermore, it highlights competitive landscape of key players to increase their market share and sustain intense competition in the industry.

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The key players that operate in this market are Altran, APTIV, AUTOCRYPT Co., Ltd., Autotalks Ltd., Continental AG, ESCRYP, Green Hills Software LLC, HARMAN International, ID Quantique SA, Infineon Technologies AG, Karamba Security, NXP Semiconductors, Qualcomm Technologies, Inc., SafeRide Technologies, and Vector Informatik GmbH

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the V2X cybersecurity market analysis from 2021 to 2031 to identify the prevailing V2X cybersecurity market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the V2X cybersecurity market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global V2X cybersecurity market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Unit Type

- On-Board Unit
- Roadside Unit

By Vehicle Type

- Passenger Car
- Light Commercial Vehicle
- Heavy Commercial Vehicle

By Propulsion Type

- ICE
- Electric and Hybrid
- Others

By Communication

- Vehicle-To-Vehicle
- Vehicle-To-Infrastructure
- Vehicle-To-Grid
- Others

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- France
- Russia
- Netherlands
- UK
- Poland
- Spain
- Rest Of Europe
- Asia-Pacific

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- China
- India
- Japan
- South Korea
- Asean
- Rest Of Asia-Pacific
- LAMEA
- Brazil
- UAE
- Saudi Arabia
- South Africa
- Rest Of LAMEA
- Key Market Players
- Altran
- Aptiv
- AUTOCRYPT
- AUTOTALKS LTD.
- CONTINENTAL
- ESCRYPT
- GREEN HILLS SOFTWARE
- HARMAN INTERNATIONAL
- ID QUANTIQUE
- INFINEON TECHNOLOGIES AG
- KARAMBA SECURITY
- NXP
- ONBOARD SECURITY (QUALCOMM)
- SafeRide Technologies
- TRILLIUM SECURE INC.

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