

Automotive V2X Market by Communication (Vehicle-to-vehicle (V2V), Vehicle-to-infrastructure (V2I), Vehicle-to-pedestrian (V2P), Vehicle-to-grid (V2G), Vehicle-to-cloud (V2C), and Vehicle-to-device (V2D)), Connectivity (Dedicated Short-range Communication (DSRC), and Cellular-V2X (C-V2X) Communication) and Vehicle Type (Passenger Cars and Commercial Vehicles): Global Opportunity Analysis and Industry Forecast, 2020–2027

<https://marketpublishers.com/r/A0723FCABF5AEN.html>

Date: January 2021

Pages: 268

Price: US\$ 4,615.00 (Single User License)

ID: A0723FCABF5AEN

Abstracts

V2X is a vehicular technology system that enables vehicles to communicate with the traffic and the environment around them. V2X communications systems are majorly used for the purpose of increasing safety and preventing collisions. In a traditional vehicle, V2X systems can convey important information to the driver regarding inclement weather, nearby accidents, road conditions, and the dangerous activities of nearby vehicles. In addition, V2X technology serves other purposes such as integrating automatic payments for tolls, parking, and similar fees. The key components of V2X technology include vehicle-to-vehicle (V2V) and vehicle-to-infrastructure (V2I).

The global V2X market is segmented into communication, connectivity, and vehicle type. Depending on communication, the market is fragmented into vehicle-to-vehicle (V2V), vehicle-to-infrastructure (V2I), vehicle-to-pedestrian (V2P), vehicle-to-grid (V2G), vehicle-to-cloud (V2C), and vehicle-to-device (V2D). By connectivity, it is divided into dedicated short-range communication (DSRC) and cellular-V2X (C-V2X) communication. On the basis of vehicle type, it is categorized into passenger cars and commercial vehicle.

Altran, Autotalks Ltd., Continental AG, HARMAN International, Infineon Technologies AG, NXP Semiconductors, Qualcomm Technologies, Inc., Robert Bosch GmbH, Savari, Inc. and STMicroelectronics are some of the leading key players operating in the automotive V2X market..

KEY BENEFITS FOR STAKEHOLDERS

This study presents analytical depiction of the global automotive V2X market along with the current trends and future estimations to depict the imminent investment pockets.

The overall market potential is determined to understand the profitable trends to enable stakeholders gain a stronger foothold in the market.

The report presents information related to key drivers, restraints, and opportunities with a detailed impact analysis.

The current market is quantitatively analyzed from 2019 to 2027 to highlight the financial competency of the market.

Porter's five forces analysis illustrates the potency of the buyers and suppliers.

KEY MARKET SEGMENTS

By Communication

Vehicle-to-vehicle (V2V)

Vehicle-to-infrastructure (V2I)

Vehicle-to-pedestrian (V2P)

Vehicle-to-grid (V2G)

Vehicle-to-cloud (V2C)

Vehicle-to device (V2D)

By Connectivity

Dedicated Short-range Communication (DSRC)

Cellular-V2X (C-V2X) Communication

By Vehicle Type

Passenger Cars

Commercial Vehicles

By Region

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

Russia

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

KEY PLAYERS

Altran

Autotalks Ltd

Continental AG

HARMAN International

Infineon Technologies AG

NXP Semiconductors

Qualcomm Technologies, Inc.

Robert Bosch GmbH

Savari, Inc.

STMicroelectronics

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