

## **V2X Market: Global Industry Analysis, Trends, Market Size, and Forecasts up to 2032**

Market Report | 2025-03-31 | 300 pages | Infinium Global Research and Consulting Solutions

### **AVAILABLE LICENSES:**

- 1-5 User \$4795.00
- Enterprise \$7195.00

### **Report description:**

The report on the global V2X market provides qualitative and quantitative analysis for the period from 2022-2032. The global V2X market was valued at USD 2.52 billion in 2023 and is expected to reach USD 61.58 billion in 2032, with a CAGR of 44.71% during the forecast period 2024-2032. The study on V2X market covers the analysis of the leading geographies such as North America, Europe, Asia Pacific, and RoW for the period of 2022-2032.

The report on V2X market is a comprehensive study and presentation of drivers, restraints, opportunities, demand factors, market size, forecasts, and trends in the global V2X market over the period of 2022-2032. Moreover, the report is a collective presentation of primary and secondary research findings.

Porter's five forces model in the report provides insights into the competitive rivalry, supplier and buyer positions in the market and opportunities for the new entrants in the global V2X market over the period of 2022-2032. Further, IGR- Growth Matrix gave in the report brings an insight into the investment areas that existing or new market players can consider.

#### Report Findings

##### 1) Drivers

- Increasing demand for advanced vehicle safety technologies is fueling market growth.
- The rising demand for smart vehicles is propelling the V2X market growth.

##### 2) Restraints

- The concern associated with data security can hamper the market growth.

##### 3) Opportunities

- The adoption of C-V2C and AI technology is expected to create lucrative opportunities for the growth of the market.

#### Research Methodology

##### A) Primary Research

Our primary research involves extensive interviews and analysis of the opinions provided by the primary respondents. The primary research starts with identifying and approaching the primary respondents, the primary respondents are approached include

1. Key Opinion Leaders associated with Infinium Global Research
2. Internal and External subject matter experts

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

3. Professionals and participants from the industry

Our primary research respondents typically include

1. Executives working with leading companies in the market under review
2. Product/brand/marketing managers
3. CXO level executives
4. Regional/zonal/ country managers
5. Vice President level executives.

#### B) Secondary Research

Secondary research involves extensive exploring through the secondary sources of information available in both the public domain and paid sources. At Infinium Global Research, each research study is based on over 500 hours of secondary research accompanied by primary research. The information obtained through the secondary sources is validated through the crosscheck on various data sources.

The secondary sources of the data typically include

1. Company reports and publications
2. Government/institutional publications
3. Trade and associations journals
4. Databases such as WTO, OECD, World Bank, and among others.
5. Websites and publications by research agencies

#### Segment Covered

The global V2X market is segmented on the basis of component, communication type, connectivity type, and vehicle type.

#### The Global V2X Market by Component

- Hardware
- Software

#### The Global V2X Market by Communication Type

- Vehicle-to-vehicle (V2V) Communication
- Vehicle-to-network (V2N) Communication
- Vehicle-to-grid (V2G) Communication
- Vehicle-to-infrastructure (V2I) Communication
- Vehicle-to-home Communication (V2H)
- Vehicle-to-pedestrian (V2P) Communication

#### The Global V2X Market by Connectivity Type

- DSRC
- Cellular Connectivity

#### The Global V2X Market by Vehicle Type

- Commercial Vehicles
- Passenger Cars

#### Company Profiles

The companies covered in the report include

- Continental AG
- NXP Semiconductors
- Qualcomm Technologies, Inc.

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- Robert Bosch GmbH
- HARMAN International
- Cisco Systems, Inc.
- Infineon Technologies AG
- Autotalks
- DENSO CORPORATION
- Cohda Wireless

What does this Report Deliver?

1. Comprehensive analysis of the global as well as regional markets of the V2X market.
2. Complete coverage of all the segments in the V2X market to analyze the trends, developments in the global market and forecast of market size up to 2032.
3. Comprehensive analysis of the companies operating in the global V2X market. The company profile includes analysis of product portfolio, revenue, SWOT analysis and latest developments of the company.
4. IGR- Growth Matrix presents an analysis of the product segments and geographies that market players should focus to invest, consolidate, expand and/or diversify.

## **Table of Contents:**

Table of Content

### Chapter 1. Preface

- 1.1. Report Description
- 1.2. Research Methods
- 1.3. Research Approaches

### Chapter 2. Executive Summary

- 2.1. V2X Market Highlights
- 2.2. V2X Market Projection
- 2.3. V2X Market Regional Highlights

### Chapter 3. Global V2X Market Overview

- 3.1. Introduction
- 3.2. Market Dynamics
  - 3.2.1. Drivers
  - 3.2.2. Restraints
  - 3.2.3. Opportunities
- 3.3. Porter's Five Forces Analysis
- 3.4. IGR-Growth Matrix Analysis
  - 3.4.1. IGR-Growth Matrix Analysis by Component
  - 3.4.2. IGR-Growth Matrix Analysis by Communication Type
  - 3.4.3. IGR-Growth Matrix Analysis by Connectivity Type
  - 3.4.4. IGR-Growth Matrix Analysis by Vehicle Type
  - 3.4.5. IGR-Growth Matrix Analysis by Region
- 3.5. Value Chain Analysis of V2X Market

### Chapter 4. V2X Market Macro Indicator Analysis

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

## Chapter 5. Company Profiles and Competitive Landscape

### 5.1. Competitive Landscape in the Global V2X Market

### 5.2. Companies Profiles

#### 5.2.1. Continental AG

#### 5.2.2. NXP Semiconductors

#### 5.2.3. Qualcomm Technologies, Inc.

#### 5.2.4. Robert Bosch GmbH

#### 5.2.5. HARMAN International

#### 5.2.6. Cisco Systems, Inc.

#### 5.2.7. Infineon Technologies AG

#### 5.2.8. Autotalks

#### 5.2.9. DENSO CORPORATION

#### 5.2.10. Cohda Wireless

## Chapter 6. Global V2X Market by Component

### 6.1. Hardware

### 6.2. Software

## Chapter 7. Global V2X Market by Communication Type

### 7.1. Vehicle-to-vehicle (V2V) Communication

### 7.2. Vehicle-to-network (V2N) Communication

### 7.3. Vehicle-to-grid (V2G) Communication

### 7.4. Vehicle-to-infrastructure (V2I) Communication

### 7.5. Vehicle-to-home Communication (V2H)

### 7.6. Vehicle-to-pedestrian (V2P) Communication

## Chapter 8. Global V2X Market by Connectivity Type

### 8.1. DSRC

### 8.2. Cellular Connectivity

## Chapter 9. Global V2X Market by Vehicle Type

### 9.1. Commercial Vehicles

### 9.2. Passenger Cars

## Chapter 10. Global V2X Market by Region 2024-2032

### 10.1. North America

#### 10.1.1. North America V2X Market by Component

#### 10.1.2. North America V2X Market by Communication Type

#### 10.1.3. North America V2X Market by Connectivity Type

#### 10.1.4. North America V2X Market by Vehicle Type

#### 10.1.5. North America V2X Market by Country

##### 10.1.5.1. The U.S. V2X Market

###### 10.1.5.1.1. The U.S. V2X Market by Component

###### 10.1.5.1.2. The U.S. V2X Market by Communication Type

###### 10.1.5.1.3. The U.S. V2X Market by Connectivity Type

###### 10.1.5.1.4. The U.S. V2X Market by Vehicle Type

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 10.1.5.2. Canada V2X Market
  - 10.1.5.2.1. Canada V2X Market by Component
  - 10.1.5.2.2. Canada V2X Market by Communication Type
  - 10.1.5.2.3. Canada V2X Market by Connectivity Type
  - 10.1.5.2.4. Canada V2X Market by Vehicle Type
- 10.1.5.3. Mexico V2X Market
  - 10.1.5.3.1. Mexico V2X Market by Component
  - 10.1.5.3.2. Mexico V2X Market by Communication Type
  - 10.1.5.3.3. Mexico V2X Market by Connectivity Type
  - 10.1.5.3.4. Mexico V2X Market by Vehicle Type
- 10.2. Europe
  - 10.2.1. Europe V2X Market by Component
  - 10.2.2. Europe V2X Market by Communication Type
  - 10.2.3. Europe V2X Market by Connectivity Type
  - 10.2.4. Europe V2X Market by Vehicle Type
  - 10.2.5. Europe V2X Market by Country
    - 10.2.5.1. Germany V2X Market
      - 10.2.5.1.1. Germany V2X Market by Component
      - 10.2.5.1.2. Germany V2X Market by Communication Type
      - 10.2.5.1.3. Germany V2X Market by Connectivity Type
      - 10.2.5.1.4. Germany V2X Market by Vehicle Type
    - 10.2.5.2. United Kingdom V2X Market
      - 10.2.5.2.1. United Kingdom V2X Market by Component
      - 10.2.5.2.2. United Kingdom V2X Market by Communication Type
      - 10.2.5.2.3. United Kingdom V2X Market by Connectivity Type
      - 10.2.5.2.4. United Kingdom V2X Market by Vehicle Type
    - 10.2.5.3. France V2X Market
      - 10.2.5.3.1. France V2X Market by Component
      - 10.2.5.3.2. France V2X Market by Communication Type
      - 10.2.5.3.3. France V2X Market by Connectivity Type
      - 10.2.5.3.4. France V2X Market by Vehicle Type
    - 10.2.5.4. Rest of Europe V2X Market
      - 10.2.5.4.1. Rest of Europe V2X Market by Component
      - 10.2.5.4.2. Rest of Europe V2X Market by Communication Type
      - 10.2.5.4.3. Rest of Europe V2X Market by Connectivity Type
      - 10.2.5.4.4. Rest of Europe V2X Market by Vehicle Type
- 10.3. Asia Pacific
  - 10.3.1. Asia Pacific V2X Market by Component
  - 10.3.2. Asia Pacific V2X Market by Communication Type
  - 10.3.3. Asia Pacific V2X Market by Connectivity Type
  - 10.3.4. Asia Pacific V2X Market by Vehicle Type
  - 10.3.5. Asia Pacific V2X Market by Country
    - 10.3.5.1. China V2X Market
      - 10.3.5.1.1. China V2X Market by Component
      - 10.3.5.1.2. China V2X Market by Communication Type
      - 10.3.5.1.3. China V2X Market by Connectivity Type
      - 10.3.5.1.4. China V2X Market by Vehicle Type

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 10.3.5.2. Japan V2X Market
  - 10.3.5.2.1. Japan V2X Market by Component
  - 10.3.5.2.2. Japan V2X Market by Communication Type
  - 10.3.5.2.3. Japan V2X Market by Connectivity Type
  - 10.3.5.2.4. Japan V2X Market by Vehicle Type
- 10.3.5.3. India V2X Market
  - 10.3.5.3.1. India V2X Market by Component
  - 10.3.5.3.2. India V2X Market by Communication Type
  - 10.3.5.3.3. India V2X Market by Connectivity Type
  - 10.3.5.3.4. India V2X Market by Vehicle Type
- 10.3.5.4. Rest of Asia-Pacific V2X Market
  - 10.3.5.4.1. Rest of Asia-Pacific V2X Market by Component
  - 10.3.5.4.2. Rest of Asia-Pacific V2X Market by Communication Type
  - 10.3.5.4.3. Rest of Asia-Pacific V2X Market by Connectivity Type
  - 10.3.5.4.4. Rest of Asia-Pacific V2X Market by Vehicle Type
- 10.4. RoW
  - 10.4.1. RoW V2X Market by Component
  - 10.4.2. RoW V2X Market by Communication Type
  - 10.4.3. RoW V2X Market by Connectivity Type
  - 10.4.4. RoW V2X Market by Vehicle Type
  - 10.4.5. RoW V2X Market by Sub-region
    - 10.4.5.1. Latin America V2X Market
      - 10.4.5.1.1. Latin America V2X Market by Component
      - 10.4.5.1.2. Latin America V2X Market by Communication Type
      - 10.4.5.1.3. Latin America V2X Market by Connectivity Type
      - 10.4.5.1.4. Latin America V2X Market by Vehicle Type
    - 10.4.5.2. Middle East V2X Market
      - 10.4.5.2.1. Middle East V2X Market by Component
      - 10.4.5.2.2. Middle East V2X Market by Communication Type
      - 10.4.5.2.3. Middle East V2X Market by Connectivity Type
      - 10.4.5.2.4. Middle East V2X Market by Vehicle Type
    - 10.4.5.3. Africa V2X Market
      - 10.4.5.3.1. Africa V2X Market by Component
      - 10.4.5.3.2. Africa V2X Market by Communication Type
      - 10.4.5.3.3. Africa V2X Market by Connectivity Type
      - 10.4.5.3.4. Africa V2X Market by Vehicle Type

## V2X Market: Global Industry Analysis, Trends, Market Size, and Forecasts up to 2032

Market Report | 2025-03-31 | 300 pages | Infinium Global Research and Consulting Solutions

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

### ORDER FORM:

Select license	License	Price
	1-5 User	\$4795.00
	Enterprise	\$7195.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-05"/>
		Signature	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com