

# **Connected Vehicle Public and Personal Safety, Commercial Applications, and Services: V2V and V2X Market Outlook and Forecasts 2017 - 2022**

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## **Abstracts**

Connected vehicle technology is rapidly evolving to encompass Vehicle-to-Vehicle (V2V), Vehicle-to-Infrastructure (V2I), Vehicle-to-Device (V2D), and Vehicle-to-Pedestrian (V2P) signaling and communications. Integration with non-vehicle industry vertical applications and services are realized through various Vehicle-to-Home (V2H), Vehicle-to-Device (V2D), and Vehicle-to-Grid (V2G) solutions. Collectively speaking, the term Vehicle-to-Everything (V2X) encompasses all of these technologies, use cases, applications, and services.

At its core, V2V is about public and personal safety as the technologies provide signaling and communications for collision avoidance and notice of potential hazards that may affect more than one vehicle. Similarly, V2P technology supports signaling to pedestrians about potential vehicular dangers. V2I technology allows connected cars to interact with surrounding infrastructure such as traffic signals, buildings, kiosks/billboards, parking lots, and even humans. It is important to understand that V2X technologies and solutions also provide a foundation upon which commercial services and applications will be developed and supported. Accordingly, Mind Commerce anticipates a wide range of communications, applications, commerce, and digital content services resulting from V2X.

This research examines the V2V and V2X market including technologies, solutions, and major players. The report provides analysis of market challenges, opportunities, and overall business outlook. The report includes detailed forecasts for V2V, V2I, V2P, V2H, and V2D market from 2017 to 2022. All purchases of Mind Commerce reports includes time with an expert analyst who will help you link key findings in the report to the business issues you're addressing. This needs to be used within three months of

purchasing the report.

Target Audience:

Mobile network operators

Automobile manufacturers

Wireless device manufacturers

Network infrastructure providers

Application and content developers

Telematics and IoT service providers

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