

# Connected Vehicle Ecosystem

## Driving the Future of Intelligent Mobility

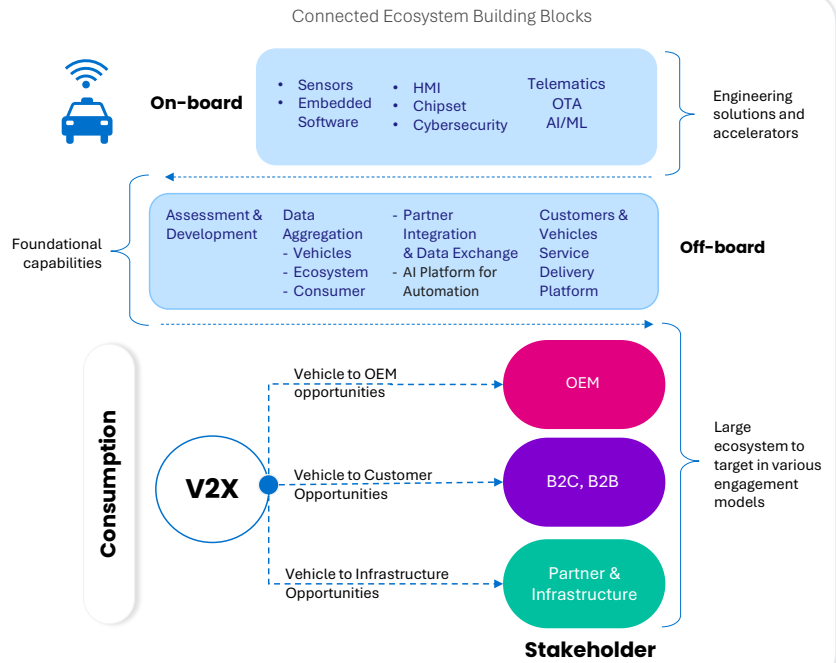


The mobility landscape is shifting from hardware-driven vehicles to software-driven platforms that deliver continuous value. Today's connected vehicles link OEMs, consumers, service partners, and urban ecosystems in real time. This transformation is redefining product lifecycles—from design and manufacturing to aftersales service—while driving new revenue streams and enabling safer, more sustainable, and personalized mobility experiences.

### Why Connected Vehicle Ecosystems Matter

A connected vehicle ecosystem empowers automakers to:

- Transition to **resilient operations** that drive continuous optimization and innovation across the value chain
- Enable **Vehicle-to-Everything (V2X) connectivity** for real-time interaction
- Deliver **Over-the-Air (OTA) updates** that reduce costs, accelerate innovation, and strengthen loyalty



### V2X Touchpoints: The Connected Mobility Ecosystem

Bridging every stakeholder, ensuring data, insights, and services flow seamlessly.

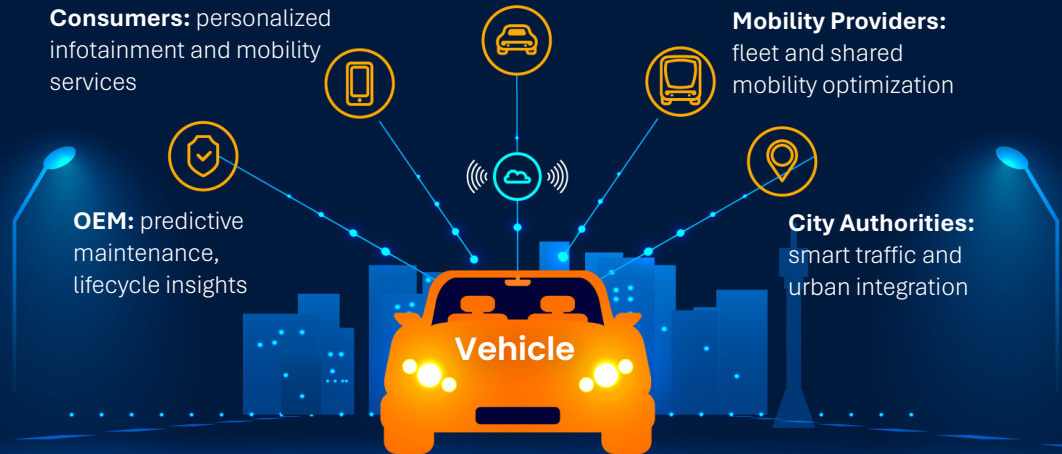
**Consumers:** personalized infotainment and mobility services

**Dealers & Distributors:** proactive service and parts management

**Mobility Providers:** fleet and shared mobility optimization

**OEM:** predictive maintenance, lifecycle insights

**City Authorities:** smart traffic and urban integration



# How We Power Next-Gen Automotive Connectivity



## 5G Connectivity

- Edge-ready 5G backbone for real-time analytics via secure car-to-cloud integration
- Ultra-low latency 5G powering safety-critical V2X experiences
- High-performance connectivity enabling multi-user services like 4K infotainment and AR navigation

## V2X Connectivity

- Predictive maintenance, vehicle health telematics, and advanced driver assistance for safer mobility
- Remote services, self-service portals, and subscription-based vehicle health reports for service efficiency
- Fleet management, real-time traffic prediction, & multimodal route planning

## OTA Updates

- Remote delivery of feature upgrades, security patches, and compliance updates
- Reduced recall costs and fewer dealership visits
- Faster innovation cycles with continuous enhancements

## Cloud Platform Integration

- Cloud-based infrastructure for real-time data ingestion and processing
- Scalable deployment of OTA services and predictive analytics
- Secure aggregation of data across vehicles, ecosystems, and consumers

## What Impact Have We Delivered?

We've partnered with global OEMs to deliver next-generation connected vehicle platforms—combining AI, cloud, and mobility innovation across regions. Our solutions have powered real-time data streams, multilingual applications, wearable integration, and AI-driven safety systems for enhanced driver and passenger experiences.

### Outcomes Achieved:

**15%** increase in subscription adoption through enhanced CX and feature improvements

**20%** reduction in development time through AI-driven feature enhancements

**20–30%** decrease in parts inventory using AI-driven real-time demand forecasting

***The road ahead is connected. Lead the shift toward autonomous, intelligent, and collaborative transportation networks with Innova.***



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### About Innova Solutions

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