



Unlock the true potential of connected mobility with iWave's advanced telematics solutions. From real-time data insights to seamless fleet management to road safety, we're powering the future of intelligent transportation with an extensive portfolio of solutions.

Explore our Product Line-Up and Case Studies

[Telematics Connect Hub \(iW-G62H\): Feature Rich and Cost-Optimized Solution](#)



The **Telematics Connect Hub** is a very compact, IP67 robust solution designed for electric vehicles and asset tracking. Powered by the the i.MX 91 Micro-Processor, the powerful solution supports 2 x CAN-FD ports, LTE Cat-1 bis and Bluetooth wireless connectivity and an integrated hardware secure element.

[Read More](#)

[Rugged Telematics Device \(iW-G26I\): A solution for trucks & off highway vehicles](#)



The **Rugged Telematics Device** is an IP67 robust solution designed for off highway vehicles and trucks. The solution features 3 CAN Ports, Ethernet, RS232 & RS485 wired interfaces, and LTE Cat-4, Wi-Fi and Bluetooth wireless connectivity options. The solution supports Linux BSP and the necessary APIs to build your application.

[Read More](#)

[Telematics Gateway \(iW-G41G\) : A powerful gateway for high compute applications](#)



A next generation powerful **Telematics Gateway** consists of 5G Connectivity, 5 CAN-FD Ports and automotive ethernet ports. The gateways is powered by a dual core i.MX 8XLite MPU and supports up to 128GB eMMC storage.

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[Enhancing Safety with V2X Solutions](#)



The iWave Portfolio of **V2X On-Board Unit** (OBU) and **Road-Side Unit** (RSU) enables V2V, V2I and V2N applications. Integrated with C-V2X connectivity, the solutions enable instantaneous information transfer between cars and roadside infrastructures such as traffic signals, pedestrians, and commercial establishments.

[Read More](#)

[The rise of Automotive Ethernet: The Backbone of In-Vehicle Networking](#)



Automotive Ethernet has emerged as the cornerstone of next-generation vehicle architecture, enabling seamless communication between various vehicle subsystems.

[Case Study: **Telematics & OTA Updates in EV Last-Mile Trucks**](#)



iWave enables an EV logistics truck manufacturer with a ruggedized and powerful telematics device to enable fleet intelligence and edge intelligence.

Edge Software & Integrated Solution:

iWave offers Protocol stacks (UDS, J1939, OBDII) and custom edge software development covering data collection, framing & sending to cloud, Security modules, OTA client integration, and Power Management. With partner solutions for cloud application, iWave provides a complete Telematics solution with the flexibility for ODM customization including white labelling.

[Case Study: **Enhancing passenger and road safety with V2X Solutions**](#)



The V2X On-Board Unit with C-V2X radio and an integrated V2X Stack enabled an OEM to demonstrate safety applications such as emergency vehicle detection.

[Case Study: **Fleet management and Analytics in Off-Highway Vehicles**](#)



A ruggedized telematics solution from iWave enabling fleet intelligence in off-highway vehicles such as cranes, forklifts and heavy-duty trucks.



[Access the Telematics Product Selection Guide](#) from iWave to compare features across our diverse portfolio of telematics and connected automotive solutions.



[Click here for an overview of our Telematics Solutions](#)



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