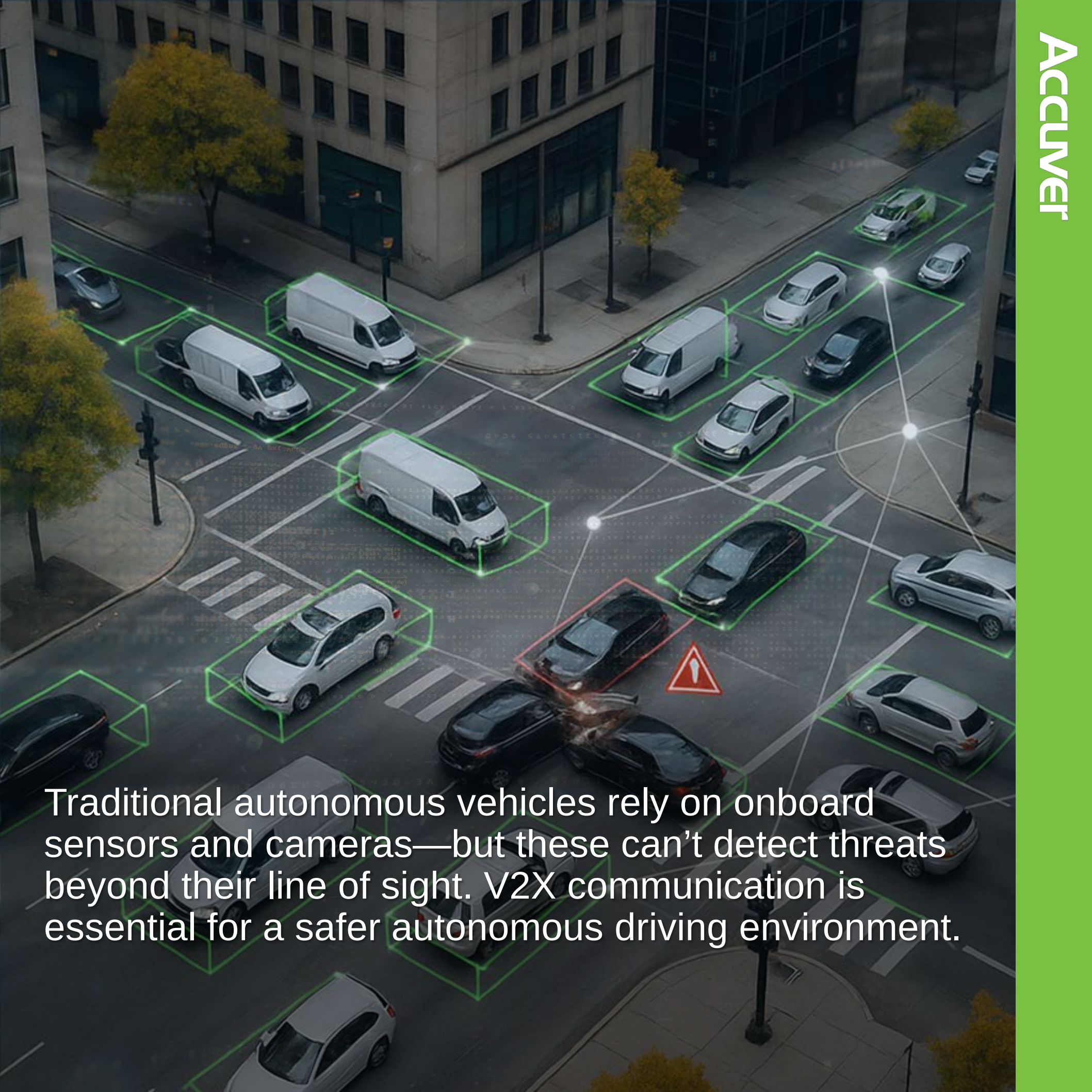


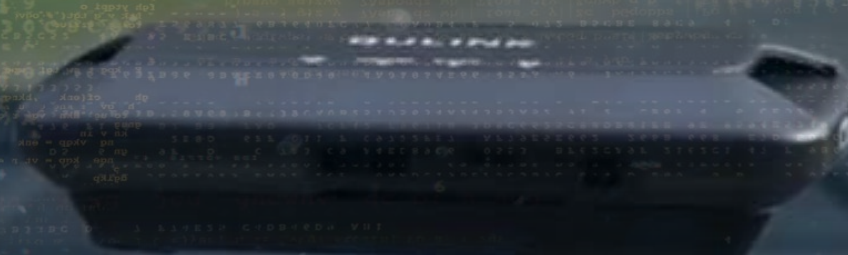
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V2X Modem in vehicles
QULINK-OBU

An aerial view of a city intersection with several cars. Green bounding boxes are drawn around most of the vehicles, indicating they have been detected by traditional sensors. A black car in the center of the intersection is highlighted with a red bounding box, and a red triangular warning sign with a white arrow pointing up is placed next to it. White lines radiate from a point on the right side of the intersection, representing the line of sight of a vehicle. The background shows city buildings and trees.

Traditional autonomous vehicles rely on onboard sensors and cameras—but these can't detect threats beyond their line of sight. V2X communication is essential for a safer autonomous driving environment.



Despite the importance of V2X, most vehicles today don't support it. QULINK-OBU is a compact On-Board Unit that enables cars to exchange real-time data with their surroundings—making any vehicle ready for connected, intelligent transportation.

QULINK-OBU supports both C-V2X and DSRC, ensuring interoperability across regions and deployments. Its compact form is optimized for in-vehicle installation, offering low power consumption and robust wireless performance in demanding environments.



QULINK-OBU enables vehicles to exchange data with RSUs, nearby vehicles, and even pedestrians—supporting real-time hazard alerts, traffic updates, and route guidance. It enhances road safety and traffic flow through reliable, low-latency V2X communication.

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For more information

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