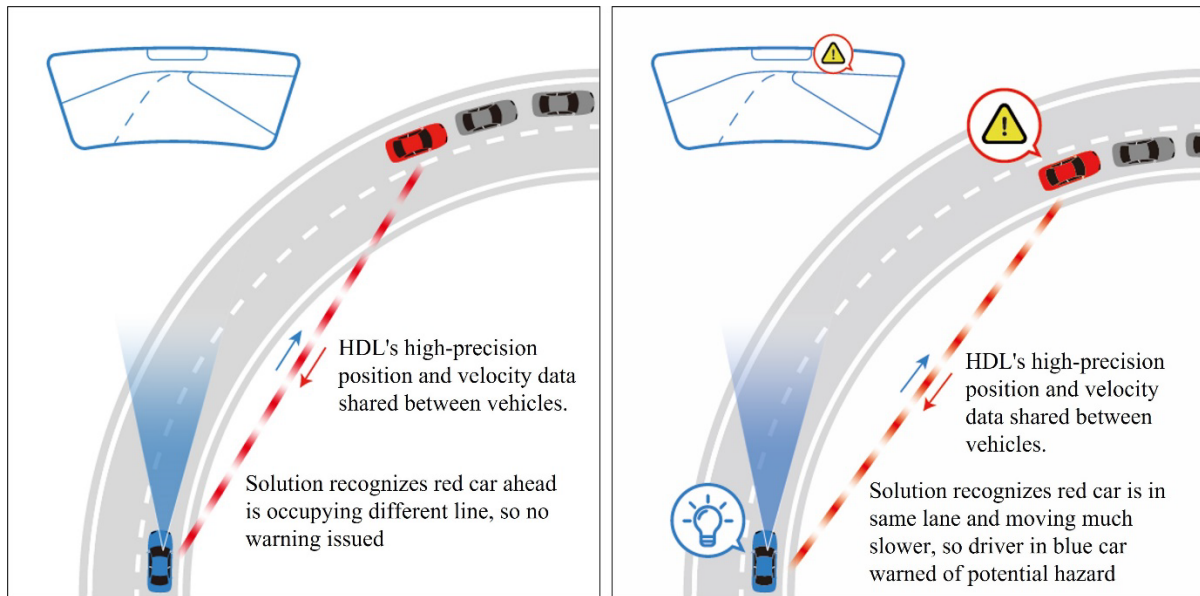


Commsignia and Mitsubishi Electric Agree to Partnership for Delivery of Advanced V2X Solutions for Vehicles



Using HDL's high-precision position and map information to determine collision risk

Commsignia Ltd. and Mitsubishi Electric Corporation announced today that they have agreed to form a strategic partnership to deliver Vehicle-to-Everything (V2X) technology combining Commsignia's V2X solution and Mitsubishi Electric's High-Definition Locator (HDL) technology in a V2X platform that will support the safety of autonomous-driving and advanced-driver-assistance systems (ADAS).

V2X is a key communication technology that is gaining growing acceptance in many countries where governments are considering allowing the installation and commercial use of V2X systems in automobiles. Through their new partnership, Commsignia and Mitsubishi Electric will aim at the early delivery of commercial V2X solutions capable of contributing to increasingly safe assisted and autonomous-driving solutions.

Commsignia's V2X solution, which integrates communication software with security functions and application software, features an optimized software structure that ensures scalability for next-generation vehicles. Mitsubishi Electric is already mass-producing HDL systems that accurately determine vehicle locations based on proprietary high-precision positioning and mapping data for roads, lanes and other physical conditions in the vicinity of moving vehicles.

The combination of Commsignia's V2X solution with Mitsubishi Electric's HDL information is expected to realize systems capable of accurately detecting dynamic conditions in vehicle perimeters and greatly improving the accuracy of warnings of potential collisions. For example, even on sharp curves where vehicles ahead cannot be detected visually or by on-board sensors, the envisioned solution will use the precise positions of a driver's vehicle and other nearby vehicles to confirm their respective lanes and accurately identify any risk of collision. In particular, the solution is expected to help reduce the incidence of false alarms and provide more timely valid warnings that give drivers additional time to react.

The two partners will also develop a separate solution, called Day2, that would enable nearby vehicles to share data from their on-board sensor (cameras, etc.), and another solution, called Day3, that would facilitate cooperative control between nearby vehicles, both aimed at realizing increasingly advanced V2X safety features.

About Commsignia Ltd.

Commsignia was founded by industry experts in 2012, as one of the pioneer companies to focus fully on research and application of V2X technology. Commsignia develops end-to-end V2X solutions to enable the latest smart city deployments and autonomous vehicle functions with its state-of-the-art sensor data sharing middleware and applications. The company supplies OBU and RSU systems as well as OEM integrated software to support functions related to V2X Connectivity, Security and Applications helping to build the next generation of autonomous vehicles and smart mobility ecosystems that will make driving safer while reducing congestion and lowering emissions.

About Mitsubishi Electric Corporation

With more than 100 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Mitsubishi Electric enriches society with technology in the spirit of its “Changes for the Better.” The company recorded a revenue of 5,003.6 billion yen (U.S.\$ 37.3 billion*) in the fiscal year ended March 31, 2023. For more information, please visit www.MitsubishiElectric.com

*U.S. dollar amounts are translated from yen at the rate of ¥134=U.S.\$1, the approximate rate on the Tokyo Foreign Exchange Market on March 31, 2023

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