

Commsignia Introduces New Dual-Radio Roadside Unit

Commsignia introduces the first-announced dual-active RSU that can operate both V2X technologies simultaneously

LAS VEGAS ([PRWEB](#)) January 06, 2020 -- Commsignia, a market leader in V2X technology, today announced the introduction of the first Roadside Unit (RSU) capable of operating on both C-V2X and dedicated short-range communication (DSRC) radios. As both technologies are being considered for vehicle and infrastructure communication, providers are challenged with deciding which technology to utilize when deploying a future-proof infrastructure solution.

Commsignia's RSU helps to address this, serving as an industry-first solution to ease the challenge that providers or integrators are facing when deciding on which technology to deploy. The RSU connects DSRC and C-V2X communication technologies, expanding remote perception of connected and non-connected road objects. Therefore a more detailed coverage of the road environment can be achieved, as the Dual Active RSU can integrate perceptions coming from both the C-V2X or the DSRC-based network, and feed it to all V2X-capable vehicles. It also represents a prudent approach to which infrastructure to deploy as automakers are finalizing their plans for connected car.

„We experienced the dilemma that our clients are facing when they are planning to introduce V2X-based solutions, and how they are challenged on which technology to choose. We wanted to help take the burden of this decision off our clients' chest, so they can focus on all the benefits of V2X with full confidence, and effectively introduce solutions making transportation safer and more sustainable” – said József Kovács, CEO of Commsignia. „We believe this innovation will speed up V2X deployments, making investments safe and futureproof.”

The Dual-Active RSU utilizes the Qualcomm(r) 9150 C-V2X platform solution from Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated.

“We're driven to work with innovative companies like Commsignia to engineer connected transportation products built upon Qualcomm Technologies' C-V2X technology that enhance roadside safety” said Jim Misener, senior director, product management, Qualcomm Technologies, Inc. “We look forward to seeing our Qualcomm 9150 C-V2X platform and Commsignia's new RSU product empowers automakers to immediately realize the promise of connected transportation to deliver advanced safety features on a shorter timeline.”

About Commsignia:

Commsignia is the market's most dynamic V2X company thanks to its cutting-edge technology and market ready portfolio. Commsignia specializes in Connected Car / V2X "Safer on the Road" software and hardware products compatible with IEEE 802.11p standards and DSRC and future Cellular V2X (C-V2X) / 5G technologies. Commsignia is helping to build the next generation autonomous car and smart mobility ecosystem that will make driving safer whilst reducing congestion and lowering emissions. Commsignia supplies best-in-class V2X (Car2X) Communication Software, hybrid V2X /ADAS Applications with robust PKI and SCMS security, a V2X SDK as well as OnBoard (OBU) and Roadside Units (RSU) for connected car and Smart City deployments.

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